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22
AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

RESEARCH PROPOSAL
QUARTERLY STATUS REPORT

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OCTOBER - DECEMBER 1991

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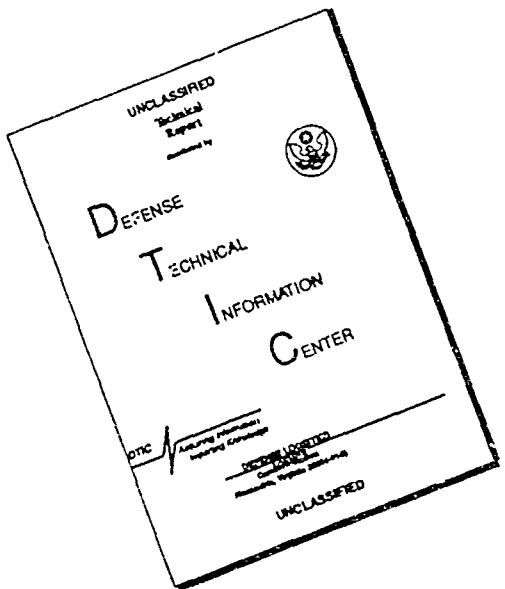
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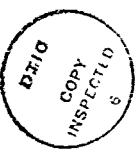
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RESEARCH PROPOSAL

QUARTERLY STATUS REPORT

JANUARY 1992



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INTRODUCTION

The Research Proposal Quarterly Status Report is published in March, June, September, and December by the Air Force Office of Scientific Research (AFOSR). It lists all the research proposals received by AFOSR in the previous six months along with the action taken (Initiated, Declined, Withdrawn) on each report.

The report is divided into two parts. The Institution index lists proposals alphabetically by institution. This is followed by a more detailed listing by Directorate, and by program Manager within the Directorate.

PURPOSE

This report is designed to inform other Government sponsoring agencies of the proposals received by the AFOSR and the action taken on these proposals. Readers must keep in mind that denied proposals should not necessarily be considered as scientifically unacceptable; many declinations result from a lack of funds or as a result of special programmatic emphasis.

AFOSR MISSION

The Air Force Office of Scientific Research (AFOSR) is the single manager of the Air Force Defense Research Sciences Program (Program Element 61102F) and the primary Air Force agency for the extramural support of fundamental scientific research. The AFOSR is organized under the Air Force Systems Command, DCS/Technology.

AFOSR awards grants and contracts for research in areas of science relevant to the needs of the Air Force. Research is selected for support from proposals received in response to the Broad Agency Announcement from scientists investigating problems involving the search for new knowledge and the expansion of scientific principles. Selection is on the basis of scientific potential for improving Air Force operational capabilities, originality, significance to science, the qualification of the principal investigator, and the reasonableness of the proposed budget.

KEY TO READING THE DATA

TITLE - The title of the research proposal

INSTITUTION - The organization, (e.d., college/university, company) at which the research will be conducted.

INVESTIGATOR - The Principal Investigators proposing the research.

TYPE - N indicates a new research effort.

- R indicates a continuation of an ongoing research effort.

MONTHS - The duration of the research proposal.

RECEIVED - The month and year in which the AFOSR received the proposal.

AMOUNT - The funds requested of the AFOSR for support of the research proposal.

STATUS - A = ACCEPTED indicates that the review has been completed and the proposal recommended for funding.

- D = DECLINED indicates the proposal has been reviewed but will not be funded by the AFOSR.

- BLANK SPACE = indicates the proposal is being reviewed.

- W = WITHDRAWN indicates that the proposal submitted was removed from further consideration at the proposers request.

PROGRAM MANAGER - The AFOSR scientific staff member assigned the responsibility for the technical evaluation of the proposal.

PROPOSAL # - An AFOSR Directorate assigned control number to uniquely identify the research proposal.

INITIATE - The proposal has been recommended to the AFOSR Directorate of Contracts for the amount and duration.

START DATE - The recommended date for commencement of the research.

TOTAL AMOUNT - The estimated number of dollars recommended for support of the research effort; the actual amount is subject to negotiation.

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PART 1

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STATUS - 'A' = ACCEPTED, 'D' = DECLINED, 'W' = WITHDRAWN

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PH NAME
AIR FORCE INSTITUTE OF TECHNOLOGY	WALL	S.		92-NC-098		ROSENSTEIN
	PALAZOTTO	ANTHONY	N	92-NA-009		WU
	SEGRAM	GLEN	P	92-NC-099		BERMAN
	YER	YUNG KEE		92-NE-124		POMRENKE
	THIEG	ROBERT	J	92-NC-008		LEE
	HEMM	WILLIAM		92-NL-107	A	CERVERY
	AKERS	LEX	A	92-NL-108	A	CERVERY
	COCHPAN	DOUGLAS		92-NM-084		SUDDAARTH
	FAN	SENGHUA		92-NM-046		SJOGREN
	MURLBERT	GLENIN		92-NM-108		GLASSMAN
KOURIS	DEMITRIS	A	92-NA-128		GLASSMAN	
"APACAS	GEORGE	N	92-NA-058		JOYES	
NICOLAENKO	BASIL		92-NE-075		POMRENKE	
PEED	HELEN	L	92-NM-028		NACHMAN	
UTTAL	WILLIAM	R	92-NA-022		SAKELL	
WEIN	A. CAVIS		92-NA-117		MCMICHAEL	
BAILLIEUL	JOHN		92-NL-037	A	TANGNEY	
COHEN	MICHAEL		92-NL-002	A	CAVENDER	
FORSES	JEFFREY	A	92-NM-119		JACOBS	
GROSSBERG	STEPHEN		92-NL-125	A	TANGNEY	
WOHLFELD	ROBERT	G	92-NL-077		STOBIE	
HUGHES			92-NL-090		TANGNEY	
NAGEM			92-NL-100		STOBIE	
DEAN			92-NL-101		STOBIE	
MORSE			92-NL-110		RADOSKI	
SHELDON			92-NM-152		NACHMAN	
ABU-MOSTAFA	THEODORE	L	92-NM-166		WAKSMAN	
BALDI	YASEF		92-NE-061		SCHLOSSBER	
BRIDGES	PIERRE		92-NM-075		BURGGRAF	
DOYLE	WILLIAM	S	92-NM-055		SUDDAARTH	
GRUBBS	JOHN		92-NE-163		CRAIG	
MARDER	ROBERT	H	92-NC-013		JACOBS	
MCGILL	SETH	R	92-NC-041		HEDBERG	
MCKOY	THOMAS	C	92-NE-066		LEE	
	VINCENT		92-NC-042		POMRENKE	
TAI			92-NC-092	A	BURGGRAF	
ZEWAIL	YU-CHONG		92-NA-110		MCMICHAEL	
FINLAYSON-PITTS	AHMED	H	92-NC-113		BERMAN	
BRADLEY	DONAL	J	92-NL-045	D	CERVERY	
BERRY	GUY	C	92-NE-117		CRAIG	
BODSON	MARC	C	92-NM-058		LEE	
CASASENT	DAVID		92-NE-126		JACOBS	
GREVE	DAVID	P	92-NE-020		CRAIG	
KUMTA	PRASHANT		92-NE-056		POMRENKE	
POLLOCK	TRESA	H	92-NC-034		HEDBERG	
			92-NC-117		ROSENSTEIN	
CALIFORNIA STATE UNIVERSITY, FULLERTON						
CAMBRIDGE UNIVERSITY (CAVENDISH LAB)						
CARNEGIE-MELLON UNIVERSITY						

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
CASE WESTERN RESERVE UNIVERSITY	DEADLEY	MICHAEL	J	92-NC-046	BURGGRAF	
	SIMMONS	REID	S	92-NM-164	SUDDAARTH	
	SKOWRONSKI	MAREK		92-VE-094	PORENKE	
	SMITH	STEPHEN		92-NM-159	WAKSMAN	
	BALLARINI	ROBERT	J	92-NA-063	JONES	
	WELSCH	G.		92-NC-081	ROSENSTEIN	
CITY COLLEGE - CUNY	SHIDA	MATSUO	I	92-NC-126	ERNSTEAD	D
	DELALE	FEIFUEN		92-NC-020	BURGGRAF	
	ZAPACHIK	MYRA	P	92-NE-013	WEINSTOCK	A
	TOBIAS	SIGMUND		92-YL-014	FREGLY	
	ALFANO	ROSEPT	R	92-NE-119	PORENKE	
	COWIN	STEPHEN		92-NE-140	SCHLOSSBER	
CLARKSON UNIVERSITY	SMITH	FREDERICK		92-NA-127	JONES	
	FEKAS	ATHANASSIOS		92-NE-135	PORENKE	
	KAUP	DAVID		92-YM-021	NACHMAN	
	LAVINE	BARRY	K	92-NM-025	NACHMAN	
CLEMSON UNIVERSITY	ADAMS	HARREN	P	92-NC-109	HEDEBERG	
	DUNCAN	LEWIS		92-YM-090	GLASSMAN	
	DOREE	JAMES	S	92-NL-109	STOBIK	
	LARSEN	MIGUEL	F	92-NA-135	JONES	
	WANG	TING		92-NL-080	STOBIK	
	KESHOCK	EDWARD	S	92-NA-115	SAKELL	
	ESTERHART	MARK	E	92-NC-003	ROSENSTEIN	
	COTTON	WILLIAM	Y	92-NL-073	STOBIK	
	RCAINSON	GARY	Y	92-VE-067	PORENKE	
	SRIVASTAVA	JASDISH	H	92-NM-174	SJOGREN	
	AUSTON	DAVID	H	92-NE-103	SCHLOSSBER	
	CHAN	SIU-HAI	H	92-NE-011	WEINSTOCK	
	CGOOD, JR	RICHARD		92-NM-064	NACHMAN	
	POTASEK	MARY	J	92-NM-017	GLASSMAN	
	SIMCHI-LEVI	DAVID	J	92-NM-135	HEDEBERG	
	TURRO	NICHCLAS	J	92-NC-055	CRAIG	
	PALLANTINE	JOSEPH	H	92-NE-151	WITT	
CORNELL UNIVERSITY	EASTMAN	LESTER	F	92-NE-090	NACHMAN	
	HEALEY	TIMOTHY	J	92-NE-071	PORENKE	
	HO	WILSON	J	92-NE-073	NACHMAN	
	HOLMES	PHILLIP	J	92-NC-054	BERMAN	
	HOUSTON	PAUL	L	92-NM-020	GLASSMAN	
	HUTTENLOCHER	DANIEL	P	92-NE-074	PORENKE	
	ISAACSON	MICHAEL	C	92-NL-079	STOBIK	
	KELLEY	MICHAEL		92-NL-093	MCMICHAEL	
	LUMLEY	JOHN	L	92-NA-105	CERVERNY	
	MAESSEN	EUGENE	L	92-NL-094	DAKKE	
	WATSON	JONATHAN	A	92-NE-035	SAKER	
				92-NE-109		

REPORT DATE 11/22/77

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INSTITUTION	INVESTIGATOR	LAST NAME	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
CREIGHTON UNIVERSITY	CB-2	CHRISTOPHER	K		72-NC-061	HEBERG	ROSENSTEIN
DARTMOUTH COLLEGE	DAJ	PISHI			72-NC-077		CJERNETTE
DURGESS	STREH	SIDNEY	J		72-NL-106		JACOBS
JUGESS	SHANEY	DEDETHY	K		92-NC-106		HEBERG
SCHNEIDER	SUEZ	RUSSELL	P		92-NC-050		RADOSKA
CREXEL UNIVERSITY	POGOVICS	BENGT	D		92-NL-111		SUDDARTH
EASTERN SPACE & MISSILE CENTRE EHRLICH ASSOCIATES	DAVIS	ALLON			92-NM-091		HU
EMORY UNIVERSITY	KENNEDY	SANDOR			92-NA-054		JONES
ENVIRONMENTAL RISK INSTITUTE OF WICH	HEAVEN	ALBERT	S		92-NA-040		SAKELL
ESSEX CORPORATION	DAVID	VIKE			92-NA-124		SCHLOSSBER
FLORIDA INTERNATIONAL UNIVERSITY	KENNEDY	DANIEL			92-NE-120		SCHLOSSBER
FLORIDA STATE UNIVERSITY	MARINA	MICHAEL	C		92-NC-032		BERMAN
GEORGE MASON UNIVERSITY	PFEFFER	NANCY	A		92-NM-175		SJOGREN
GEORGIA INSTITUTE OF TECH	HINTZ	ROBERT	S		92-NC-010		FREGLY
GEORGIA INSTITUTE OF TECH	JOSEPH	CAROLYN			92-NC-045		ERSTFIELD
FLORIDA STATE UNIVERSITY	ANTOLOVICH	RICHARD	L		92-NL-006		STOBIE
GEORGIA TECH RESEARCH CORPORATION	ATLURI				92-AL-047		NACHMAN
FLORIDA STATE UNIVERSITY	KUMAR	SATISH			92-NM-040		SUDDARTH
GEORGIA TECH RESEARCH CORPORATION	MCGOWELL	DAVID			92-IM-064		GLASSMAN
GEORGIA TECH RESEARCH CORPORATION	NEUMAUSER	GEORGE			92-IM-081		JACOBS
GEORGIA TECH RESEARCH CORPORATION	REEDER	MARC			92-IM-185		JACOBS
GEORGIA TECH RESEARCH CORPORATION	BRUNO	ANDREW			92-NC-131		HU
GEORGIA TECH RESEARCH CORPORATION	WINE	OSCAR			92-NM-052		HEBERG
GEORGIA TECH RESEARCH CORPORATION	ABRUNA	PAUL			92-NC-023		HEBERG
GEORGIA TECH RESEARCH CORPORATION	CRUICKSHANK	HECTOR			92-NC-036		HU
GEORGIA TECH RESEARCH CORPORATION	CRUICKSHANK	ALEXANDER			92-NC-074		JONES
GEORGIA TECH RESEARCH CORPORATION	HAIR	ALEXANDER			92-NC-160		GLASSMAN
GEORGIA TECH RESEARCH CORPORATION	ROZELL	MICHAEL			92-NC-063		NACHMAN
GEORGIA TECH RESEARCH CORPORATION	HUANG	DAVID			92-NC-044		NACHMAN
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GEORGIA TECH RESEARCH CORPORATION	ASTON-JONES	FRANK			92-NC-125		WILKES
GEORGIA TECH RESEARCH CORPORATION	SMITH	GARY			92-NE-039		WITT
GEORGIA TECH RESEARCH CORPORATION	GROSS	SHERYL			92-NE-131		SCHLOSSBER
GEORGIA TECH RESEARCH CORPORATION	LIEBER	BARBARA			92-NC-085		ERSTFIELD
GEORGIA TECH RESEARCH CORPORATION	MITCHELL	CHARLES			92-NC-124		HEBERG
GEORGIA TECH RESEARCH CORPORATION	WALIK	RALPH			92-NM-107		JACOBS
GEORGIA TECH RESEARCH CORPORATION	BARRETT	MUJEEB			92-NL-073		HADDAO
GEORGIA TECH RESEARCH CORPORATION	BLONMFIELD	MICHAEL			92-NL-024		HADDAO
GEORGIA TECH RESEARCH CORPORATION	CHODDURY	JOHN			92-NM-085		BURGGRAF
GEORGIA TECH RESEARCH CORPORATION	HALDEEN	AJIT			92-NC-011		HEBERG
GEORGIA TECH RESEARCH CORPORATION		JOSHUA	X		92-NC-080		SAKELL
GEORGIA TECH RESEARCH CORPORATION			X		92-NA-017		JACOBS
GEORGIA TECH RESEARCH CORPORATION			X		92-NM-159		FREGLY
GEORGIA TECH RESEARCH CORPORATION			X		92-NL-011		HU
GEORGIA TECH RESEARCH CORPORATION			X		92-NA-114		POWRENKE
GEORGIA TECH RESEARCH CORPORATION			X		92-NC-071		

INSTITUTION	LAST NAME	INVESTIGATOR FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
ALMADEN RESEARCH CENTER	JEFFERSON	MICHAEL		92-NE-004	A	CRAIG
AN THOMAS J. WATSON RESEARCH CENTER	JOHNSON	JERRY		92-NE-142	A	POWRENKE
INDIAN STATE UNIVERSITY	JOHNSON	KEVIN	L	92-NW-151	A	SUDARTH
ILLINOIS INSTITUTE OF TECHNOLOGY	COLLAR	MARK		92-NC-156	A	SUDARTH
	MAUDAL	MARK		92-NC-051	A	ROSENSTEIN
	YAGIS	MARK	S A	92-NA-112	A	WU
INDIANA UNIVERSITY	CREAGER	MARK		92-NC-107	A	LEE
INDIANA UNIVERSITY-PURDUE UNIV AT CINCINNATI	CREAGER	MARK		92-NA-080	A	TISHKOFF
	FRANKEL	MARK		92-NA-063	A	TISHKOFF
	TAU	MARK		92-HC-007	A	ERSTEEL
INTERPACE FOUNDATION OF NORTH AMERICA	LAING	MARK		92-NW-154	A	NACHMAN
KENT STATE CONFERENCE	WEHTON	MARK		92-NE-150	A	NACHMAN
KENT STATE UNIVERSITY	WEHTON	MARK		92-NW-109	A	NACHMAN
KENT STATE UNIVERSITY CONFERENCE	WEHTON	MARK		92-NM-012	A	SJOGREN
KENT STATE UNIVERSITY OF SCIENCE AND TECH	WEHTON	MARK		92-NC-085	A	HEDBERG
KIWA STATE UNIVERSITY PRESS	YEH	MARK		92-NA-064	A	WU
JOHNS HOPKINS UNIVERSITY	YEH	MARK		92-HC-082	A	BURGGRAF
KAVANAGH	YEH	MARK		92-NA-096	A	SAKELL
VARV	YEH	MARK		92-NA-126	A	FANT
CHIMENTI	YEH	MARK	P	92-NE-123	A	KELLEY
ZAGIGIAN	YEH	MARK	P	92-NA-047	A	WU
KAPLAN	YEH	MARK	P	92-HC-096	A	BURGGRAF
KHURGIN	YEH	MARK	P	92-NE-063	A	SCHLOSSBER
MASSON	YEH	MARK	P	92-NE-070	A	CRAIG
QUUCH	YEH	MARK	P	92-NM-008	A	LUPO
AUST	YEH	MARK	P	92-NE-054	A	JACOBS
JOPTNER	YEH	MARK	P	92-IL-059	A	RAJOSKI
JOHN	YEH	MARK	P	92-NM-131	A	JONES
MORADI	YEH	MARK	P	92-NE-093	A	NACHMAN
MARQUEP	YEH	MARK	P	92-NE-024	A	CRAIG
HWANG	YEH	MARK	P	92-HC-063	A	BURGGRAF
ROCKWELL	YEH	MARK	P	92-NE-107	A	POWRENKE
SMITH	YEH	MARK	P	92-NA-093	A	FANT
WALKER	YEH	MARK	P	92-NA-092	A	FANT
J. DAVID	YEH	MARK	P	92-NA-091	A	FANT
J. DAVID	YEH	MARK	P	92-NB-105	A	MCMICHAEL
J. JAMES	YEH	MARK	P	92-NM-087	A	NACHMAN
ETHEL	YEH	MARK	P	92-NL-029	A	TANGNEY
SURESH	YEH	MARK	P	92-NM-132	A	SJOGREN
WILLIAM	YEH	MARK	P	92-NL-025	A	TANGNEY
GLENY	YEH	MARK	P	92-NE-137	A	WITT
DIMITRI	YEH	MARK	P	92-NE-016	A	WITT
CRISTOPHER	YEH	MARK	P	92-NM-033	A	SUDARTH
MUNTER	YEH	MARK	P	92-NY-045	A	JACOBS
JOHN	YEH	MARK	P	92-NL-059	A	STOBIE
DANIEL	YEH	MARK	P	92-NA-039	A	BIRKAN
DAVID	YEH	MARK	P	92-N-025	A	KELLEY
KLEPNER	YEH	MARK	P	92-NE-054	A	KELLEY

422 FORCE OFFICE OF SCIENTIFIC RESEARCH
STATUS - 'A' = ACCEPTED, 'D' = DECLINED, 'W' = WITHDRAWN

INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
LEE	MIN-CHAN			92-NE-001		BARKER
DRIN	JAMES			92-NM-003	A	GLASSMAN
SANCHEZ	AARTHEE			92-NA-059		BIRKAN
TECHRON	PAUL			92-NE-043		WEINSTOCK
AILLSKY	ALAN			92-NM-048		SJOGREN
WURTMAN	RICHARD	S		92-NL-072		HADDAD
EPSON	IAN	J		92-NC-127		LEE
BLAKE II	ROBERT	J		92-NL-029		CERVENY
MC DONNELL DOUGLAS RESEARCH LAB	JAMES	C		92-NL-092		CERVENY
MEMHARRY MEDICAL COLLEGE	MANOCHIHR			92-NL-089		CERVENY
MICHIGAN STATE UNIVER . TY	JAMES			92-NA-050		MCMICHAEL
MICHIGAN TECHNOLOGICAL UNIVERSITY	ELIAS			92-NL-031		CERVENY
MONTANA STATE UNIVERSITY	FREDERIK J.S.M.			92-NA-061		JONES
MOUNT SINAI SCHOOL OF MEDICINE	IVAN			92-NL-095		CERVENY
Y.Y. U. COURANT INSTITUTE MATH SCIENCE	ROBERT	V		92-NL-125		FREGLY
NASA - JORDARC SPACE FLIGHT CENTER	RAYMOND			92-NM-057		NACHMAN
NATIONAL ACADEMY OF SCIENCES	JOHN			92-XJ-003	A	OWENS
NATIONAL SCIENCE FOUNDATION	AARON			92-NM-144		HOLLAND
NAVAL POST GRADUATE SCHOOL	SEMY			92-XJ-002	A	OWENS
NEW JERSEY INSTITUTE OF TECHNOLOGY	GREGORY	A		92-NL-023		STOBIE
NEW MEXICO INSTITUTE OF MINING AND TECH	PAUL			92-NM-043		FREGLY
NEW YORK UNIVERSITY	MURRAY			92-NL-120		WAKSMAN
	ROBERT			92-NL-122		TANGNEY
	JOHN			92-NM-159		FREGLY
	JOAN			92-NL-103		HADDAD
	RODOLFO			92-NL-061		HADDAD
	LLINAS			92-NL-123		POMRENKE
	TYER			92-NE-002		STOBIE
	LIV			92-NA-005		SAKELL
	MCRAE			92-NA-043		HEDBERG
	BOUDJOK			92-NC-105		TANGNEY
	ENDERLE			92-NL-012		BURGGRAF
	GILLISPIE			92-NC-106		BURGGRAF
	GORDON			92-NC-094	A	BARKER
	CHAN			92-NE-037		HEDBERG
	KIRSS			92-NC-053		JONES
	SCHATZ			92-NL-044	0	CERVENY
	SPANGLER			92-NC-039		LEE
	ACHENBACH			92-NA-052		WU
	BIRNBAUM			92-NM-075		JONES
	DANIEL			92-NA-071		JONES
	KEER			92-NA-077		ERSTFELD
	MARKS			92-NC-062		LEE
				92-NC-066		JONES
				92-NA-078		MCMICHAEL
				92-NA-020		NACHMAN
				92-NM-097		SURENDRA
				92-NA-027		WU

AER FORCE OFFICE OF SCIENTIFIC RESEARCH
STATUS - A = ACCEPTED, C = DECLINED, W = WITHDRAWN

INSTITUTION	INVESTIGATOR	LAST NAME	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
OHIO STATE UNIV RESEARCH FOUNDATION	WEITZ	ERIC	ANTHONY		92-NC-027	ERSTFELD	
	BLACK	1.	GREGER		92-NM-139	JACOBS	
	FOREST	THORWALD			92-NM-061	NACHMAN	
	HERBERT				92-NA-090	SAKELL	
	SIGUNER	DMIT			92-NA-104	MCMICHAEL	
	SAMIVY	UC			92-NA-134	WU	
JHU CTR STATE UNIVERSITY	HAYTCH	WILLIAM	ROBERT	L	92-NL-122	TISHKOFF	
	LEE	ZACHARY			92-NL-065	CERVENY	
	LEVINE	CHARLES			92-NE-152	CRAIG	
	MCCREESY	CHARLES			92-NE-154	PORENKE	
	WILLER	TERRY			92-NC-025	WILKES	
	VOSES	RANDOLPH			92-NC-161	KELLEY	
	SIGUNER	UNIT			92-NM-187	SJOGREN	
	SUGRAMANIAM	VISH			92-NA-069	WU	
	GOO	WARREN			92-NA-039	BIRKAN	
	KNOBBE	EDWARD			92-NC-103	LEE	
					92-NE-100	PORENKE	
OKLAHOMA STATE UNIVERSITY	LOCHMILLER	ROBERT		T	92-NE-114	PORENKE	
	POWELL	RICHARD			92-NE-145	PORENKE	
	RAE	LIONEL			92-NE-133	CERVENY	
	THOMPSON	DONALD			92-NC-004	CRAIG	
	ZAHORIAN	STEPHEN			92-NC-028	BURGRAF	
	CLARIUS	STEPHAN			92-NL-114	BURGRAF	
	SHETITS	JOHN			92-NM-161	TANGNEY	
	QUINN	JARUS			92-NY-146	JACOBS	
	HOLMES	JAMES			92-NE-155	GLASSMAN	
	DEFREEZ	RICHARD			92-NL-046	SCHLOSSER	
	SIGMON	THOMAS			92-NE-165	STOJATE	
	DAMBROSIO	BRUCE			92-NE-118	SCHLOSSER	
	MAHRT	LARRY			92-NY-171	WITTE	
	AMOS	ANTHONY			92-NL-119	WAKSMAN	
	GIANCONI	PATRICIA			92-NA-033	STOJATE	
	CROSS	ERIC			92-NC-114	HEDEBERG	
	CULTER	PAUL			92-NA-049	WU	
	CUSUMANO	JOSEPH			92-NE-156	BARKER	
	ERNST	WOLFGANG			92-NA-070	WU	
	GRAETZER	REINHARD			92-NC-050	BERMAN	
	ROY	RUSTUM			92-NL-124	HADDAD	
					92-NC-012	ERSTFELD	
	SANTAVICCA	DOMINIC			92-NC-135	ERSTFELD	
	SANTORO	ROBERT			92-NA-086	TISHKOFF	
					92-NA-082	TISHKOFF	
	SMITH	GERALD			92-NA-083	BIRKAN	
	THOJNER	PETER			92-NE-007	KELLEY	
	KUD	SPENCER			92-NC-129	SURGRAF	
POLYTECHNIC UNIV. - WEBER RESEARCH INST.					92-NE-012	SARKER	

242 RECORDS OF SCIENTIFIC REQUESTS
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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
POWDER COLLEGE		WILLIAM	P	92-NL-994	FREGLY	
PRINCETON UNIVERSITY	CATTS, JR	SPERDIN	C	92-NE-113	A	KELLEY
	ELIYU	DAVID	C	92-NM-092		JACOBS
	KUNG	S	Y	92-14-051		SUCDARTH
	LAW	CHUNG	K	92-14-095		SIRKAN
	MCNAULGHIN	DAVID	A	92-NM-053		NACHMAN
	HALES	RICHARD	S	92-NA-002	A	SAKELL
				92-NA-041		
	REZIG	STEVEN		92-NA-075		
	RABITZ	HERSCHEL		92-NC-097	A	TASHKOFF
	SACKS	ELISHA		92-NM-005		ZURGGRAF
	SPAIN	JOHN		92-NM-125		
PURDUE RESEARCH FOUNDATION	ZOLTOWSKI	MICHAEL	C	92-NM-131		
PURDUE UNIVERSITY	SAJAJ	CHANDER J-	L	92-NM-052		
	BOWMAN	KEITH	J	92-NA-034		
	FLEETER	SANFORD		92-NA-030		
	OTSUKA	NOBUO		92-NE-080		
	FLAHERTY	JOSEPH		92-N-100		
	FONTIJN	ARTHUR		92-NA-036		
				92-N-113	A	SIRKAN
				92-NC-132		
	LEUNG	RICHARD		92-14-062		
	MACCRONE	CHUN		92-NC-132		
	SHERPHARD	ROBERT		92-14-015		
		MARK		92-14-035		
				92-NM-165		
	WALLACE	WILLIAM		92-14-131		
	COX	STEVEN		92-14-062		
	ROEDTGER, III	HENRY		92-14-132		
	YOUNG	JAMES		92-14-015		
	PANCISSIAN	H		92-14-035		
	SENARD	CHARLES		92-NM-165		
	CHUBB	JOEL		92-14-131		
	LEBOWITZ	JEAN		92-14-027		
	TAYLOR	EDWARD		92-NE-005		
	UTHE	ERNEST		92-NM-092		
	KUN	COLIN		92-NL-007		
	JONES	CHARLES		92-NL-019		
	MATSON	SHADIA		92-NE-009	A	CERVERY
	HASSAL	I. EDWARD		92-NM-152		
	BLOCK	WRIGHT		92-NL-054		
		SHIUE		92-NM-030		
		GUPTA		92-NM-031		
		HASERMAN		92-NL-018		
		ZAGAUCHE		92-NM-110		
		SEASLEY		92-14-007		
				92-NM-022		
				92-14-021		
				92-NE-038		
STANFORD UNIVERSITY	DAVIDSON	JOHN	R			
		WEI-KEI				
		SOMESHWAR	C			
		ZACHARY				
		WALCOLM	R			
		WEINSTOCK				

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 STATUS - 'A' = ACCEPTED, 'C' = DECLINED, 'W' = WITHDRAWN

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
STATE UNIVERSITY OF NEW YORK STATE UNIVERSITY OF NEW YORK	BOYD	CRAIG STEPHEN	T	92-NM-023	TISHKOFF	
	CANNON, J	ROBERT STEVE	W	92-NM-059	GLASSMAN	
	CHU	JOEL	F	92-NA-072	WU	
	FERZIGER	RONALD	H	92-NE-096	KELLEY	
	HAMISON	AHARON	K	92-NA-095	SAKELL	
	KAPITULNIK	ZOHAR		92-NA-037	TISHKOFF	
	MANN	JOHN		92-NE-101	WEINSTOCK	
	ROSS	ANTHONY		92-NM-196	LUPO	
	SIEGMAN	CHARLES		92-NC-052	BERMAN	
	STEEL	ANDREW		92-NE-141	SCHLOSSBER	
	STUART	JAREARA		92-NA-209	JONES	
	TYERSKY	S		92-NM-112	JACOBS	
	TYLER	RICHARD		92-NL-042	FREGLY	
	ZARE	LANCE		92-NL-017	STOBIE	
	BOBART	MICHAEL		92-NC-073	BERMAN	
	GURVITCH	DANIEL		92-NL-004	STOBIE	
	INMAN	KONSTANTIN		92-NE-106	WEINSTOCK	
	LEKHAREV	JAMES		92-NA-014	WU	
	LUKENS	HAROLD		92-NE-104	WEINSTOCK	
	NETCALF	E. BRUCE		92-NE-149	KELLEY	
	PITTMAN	PARAS		92-NE-051	NACHMAN	
	PRASAD	ROBERT		92-NM-120	WU	
	VAN BUSKIRK	SHELEMIAH		92-NC-071	LEE	
	ZACKS	DANIELA		92-NL-105	CERVERY	
	CALVETTI	VITTORIO		92-NM-184	SJOGREN	
	YARDI			92-NM-153	JACOBS	
	ZNUDA	HENRY		92-NE-134	BARKER	
	KELLMAN	PHILIP		92-NE-147	BARKER	
	CHEN	GOONG		92-NE-162	CRAIG	
	FABIANO	R. H.		92-NL-025	TANGNEY	
	HART	JEFFREY		92-NM-069	JACOBS	
	HOGAN	HARRY		92-NM-183	JACOBS	
	PUNDELL	WILLIAM		92-NM-138	SJOGREN	
	CASSONE	VINCENT		92-NA-003	JONES	
	DAYSEREAU	DONALD		92-NM-013	NACHMAN	
	JUNKINS	JOHN		92-NL-070	HADDAD	
	KURDILA	ANDREW		92-NL-056	FREGLY	
	NARODWICH	FRANCIS		92-NA-136	WU	
	OCHOA	O		92-NA-129	NACHMAN	
	KRISTIANSEN	MAGNE		92-NA-177	JONES	
	WALKUP	JOHN		92-NE-021	BARKER	
	PAULSON	DOUGLAS		92-NE-038	CRAIG	
	RUBINSTEIN	ASHE		92-NE-123	WEINSTOCK	
	IRGAMI	ESSAM		92-NA-005	JONES	
	FAULKNER	SHEILA		92-NA-115	TISHKOFF	
				92-NA-139	OWENS	
				92-XO-001	A	
TEXAS TECH UNIVERSITY						
TRISTAN TECHNOLOGIES						
TULANE UNIVERSITY						
TUSKEGEE INSTITUTE						
U.S. NAVAL OBSERVATORY						

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
UNITED TECHNOLOGIES RESEARCH CENTER	GIAMEZ	A.		92-NC-022		ROSENSTEIN
UNIV OF ALABAMA	FALAMY	CHARLES	N	92-NL-043	0	CERVENY
UNIV OF ARIZONA	MAZAFASZ	FRANK		92-NE-159		PIHRENKE
	FASEL	HERMAN				SAKELL
	FINK	JWE		92-NA-112		SCHLOSSBER
	GIBBS	HYATT	N	92-NE-155		SCHLOSSBER
	GLEXED	ARI		92-NA-103		MCMICHAEL
	GLEZER	ARI		92-NA-107		MCMICHAEL
	SMITRC	ARTHUR	=	92-NE-073		CRAIG
	MOLINEY	JEROME	V	92-NE-116		CRAIG
	NEWELL	ALAN	C	92-NM-050		NACHMAN
	PEYGHAMBARTAN	MASSER	N	92-NM-066		NACHMAN
	SHANNON	ROBERT	R	92-NE-049		SCHLOSSBER
	UHLMANN	DONALD	R	92-NE-019		SCHLOSSBER
	WITTEN	MARK	L	92-NC-068	A	ERSTFIELD
	WYSMANSKI	ISAIAEL	J	92-NL-001		CERVENY
	BREIER	DENNIS	R	92-NA-102		MCMICHAEL
UNIV OF ARKANSAS	KOMOROSKI	RICHARD	A	92-NM-141		NACHMAN
	WIAH			92-NM-169		WEINSTOCK
UNIV OF ARKANSAS/PINE BLUFF	APKARIAN	VAPTEKES	A	92-NL-115		STOBIE
UNIV OF CALIFORNIA	BOWERS	MICHAEL	T	92-NC-116		STOBIE
	CARTER	EMILY	A	92-NC-109		BERMAN
	COLDREN	LARRY	A	92-NC-019		BURGRAF
	DYNES	ROBERT	A	92-NC-064	A	BURGRAF
	EARTHMAN	JAMES	C	92-NE-087		CRAIG
	ESENER	SAOIK	C	92-NE-059		WEINSTOCK
	FETTERMAN	H	A	92-NC-064		ROSENSTEIN
	GIBSON	JAMES	S	92-NC-059		CRAIG
	GWINN	ELISABETH	S	92-NE-069		CRAIG
	HEEGER	ALAN	J	92-NE-079		SCHLOSSBER
	HO			92-NE-076		JACOBS
				92-NC-002		BARKER
				92-NC-026		LEE
				92-NE-025		LEE
				92-NA-049		WITT
				92-NA-103		MCMICHAEL
				92-NA-111	A	FANT
	HOFFMAN	DAVID	D	92-NL-030		TANGNEY
	HU	CHENMING		92-NE-040		WITT
	KENNEDY	TAN		92-NA-004		TANGNEY
	KLEIN	STANLEY	N	92-NL-091		LEWIS
	LADÉ	PAUL	A	92-NA-042		CRAIG
	LEE	SING	V	92-NE-115		WU
	LIN	T	H	92-NA-007	A	WU
		TUNG	H	92-NA-068		

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AIR FORCE = 103 = SCIENTIFIC RES-ARCH

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
LUMMANN, JR	NEVILLE	C		32-NE-062		BARKER
LYNCH	GARY			32-NE-072		BARKER
WACKENZIE	JOHN			32-NE-159		BARKER
NETZU	HORIA			32-NL-121		HADDAD
WIGHRA	UNESH			32-NC-059		ERSTFELD
MONKEWITZ	PETER			32-NC-091	A	BURGRAF
MUKHERJEE	AWYU			32-NA-047		WITT
SISWANATH				32-NC-016		MCMICHAEL
WEMAT-NASSER	STAVZUCH			32-NC-033		ROSENSTEIN
HEUMARK	DANIEL			32-NA-095		LUPO
VICKEL	JIM			32-NC-079		LEWIS
POLAK	ELIJAH			32-NC-016		SHERMAN
RENTZEPIS	PETER			32-NE-136		KELLEY
RODWEIL	ZACK			32-NM-156		GLASSMAN
ROCS	SHELDON			32-NE-06		CRAIG
SCHERSON	ISAAC			32-NE-028		SCHLOSSBER
SCHULTZ	SHELTON			32-NM-004		SJOGREN
SMITH	EGY			32-NM-077	A	LUPO
SPEYER	JASON			32-NM-152		WEINSTOCK
STEZER	WILLIAM			32-NA-049		JACOBS
TY	CHARLES			32-NE-111		CRAIG
WANG	SHYM			32-NE-163		WITT
				32-NE-014		CRAIG
				32-NE-110		CRAIG
				32-NE-105		WITT
				32-NE-010		CRAIG
				32-NE-170		CRAIG
				32-NA-103		MCMICHAEL
				32-NE-045		WEINSTOCK
				32-NE-115		STOBIE
				32-NE-150		SCHLOSSBER
				32-NE-127		KELLEY
				32-NE-050		CRAIG
				32-NM-071		HADDAD
				32-NC-072		WAKSMAN
				32-NC-112		SHERMAN
				32-NC-010		ERSTFELD
				32-NC-089		LEE
UNIV OF CALIFORNIA, SAN DIEGO	KIRTI	N		32-NA-044		FANT
UNIV OF CENTRAL FLORIDA	AWATEF	A		32-NA-097		SAKELL
UNIV OF CHICAGO	ARTHUS			32-NC-122		ERSTFELD
UNIV OF CINCINNATI	MARK			32-NM-113		NACHMAN
UNIV OF COLORADO	SEDAT			32-NL-092		STOBIE
				32-NA-050		SHRKAN
				32-NE-174		WEINSTOCK
				32-NE-043		POWRENKE
				32-NL-015	A	STOBIE

INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
UNIV OF COLORADO AT DENVER	GLOVER	FRED		92-NC-050		GLASSMAN
UNIV OF CONNECTICUT	LIEBERGER	W. CARL		92-NC-047		BERMAN
UNIV OF DELAWARE	MCERYAN	OLIVER	A	92-NC-093		SAKELL
UNIV OF DENVER	WICH	JOSEF		92-NC-043	A	HEBBERS
UNIV OF EAST ANGLIA	NEE	JOHN		92-NE-120	A	CRAIG
UNIV OF EDINBURGH	POPOVIC	ZOYA		92-NE-112		WITT
UNIV OF FLORIDA	SAUER	JON		92-NE-172		CRAIG
UNIV OF HOUSTON	WAGNER	KELVIN		92-NE-164		CRAIG
UNIV OF ILLINOIS	LIEBERGER	W. CARL		92-NC-035	A	BURGRAF
UNIV OF KANSAS	McCORMICK	STEPHEN		92-NM-036		NACHMAN
UNIV OF KANSAS	BAR-SHALOM	YAAKOV		92-NM-009	A	GLASSMAN
UNIV OF KANSAS	GONZALVES	KENNETH		92-NC-118		HEBBERS
UNIV OF KANSAS	PASSALA	KRISNA		92-NC-192		SJODREN
UNIV OF KANSAS	ANGELL	THOMAS	S	92-NM-080		JACOBS
UNIV OF KANSAS	KLODZER	JAMES		92-NE-103		POMRENKE
UNIV OF KANSAS	AWME	ROBERT	C	92-NC-057		BURGRAF
UNIV OF KANSAS	CODMBE	ROBERT	D	92-NC-006		BERMAN
UNIV OF KANSAS	SCHROEDER	JAMES	E	92-NM-173		SJODREN
UNIV OF KANSAS	TOVEY	N KEITH		92-NA-026		LEWIS
UNIV OF KANSAS	TATE	AUSTIN		92-NM-070		LUPO
UNIV OF KANSAS	SARTLETT	RJDNEY	J	92-NC-093	A	BURGRAF
UNIV OF KANSAS	HENCH	LARRY	J	92-NC-017		ERSTFIELD
UNIV OF KANSAS	THOMSON	EWEN	J	92-NL-032		STOBIE
UNIV OF KANSAS	SEDELL	HAPOLIO	E	92-NL-093		TANGNEY
UNIV OF KANSAS	HUSSAIN	FAZLE		92-NA-019		SAKELL
UNIV OF KANSAS	AGGARWAL	S		92-NA-077		NACHMAN
UNIV OF KANSAS	BUCKMASTER	JOHN		92-NA-123	A	TISHKOFF
UNIV OF KANSAS	CARROLL	ROBERT		92-NM-102		NACHMAN
UNIV OF KANSAS	CHUDNOVSKY	ALEXANDER		92-NM-178		NACHMAN
UNIV OF KANSAS	EDEN	EMANUEL		92-NA-072		WU
UNIV OF KANSAS	EDEN	GARY		92-NA-081	A	LEWIS
UNIV OF KANSAS	SEIL	PHILLIP		92-NE-062		FREGLY
UNIV OF KANSAS	SELLMAN	ANDREW		92-NE-173		SCHLOSSBER
UNIV OF KANSAS	KRITER	HERMAN		92-NC-123		CRAIG
UNIV OF KANSAS	KRIVEN	WALTRAUD				LEE
UNIV OF KANSAS	LIU	JANE W. S.				ERSTFIELD
UNIV OF KANSAS	MAZUMDER	JYOTI				BURGRAF
UNIV OF KANSAS	MORKOC	HADIS				WAKSMAN
UNIV OF KANSAS	NAMACHCHIVAYA	S				ROSENSTEIN
UNIV OF KANSAS	NEWTON	PAUL				WITT
UNIV OF KANSAS	PLEWA	MICHAEL	X			WITT
UNIV OF KANSAS	RHOES	CHARLES	J	92-NC-032		NACHMAN
UNIV OF KANSAS	TRENTARY	MICHAEL	K	92-NE-099		CERVERY
UNIV OF KANSAS				92-NC-079		SCHLOSSBER
UNIV OF KANSAS						ERSTFIELD

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LAST NAME	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PH NAME
KLEINER	PAUL			92-NC-089	A	EPSTFIELD
KLORP	GEORGE			92-NC-102	A	ERSTFIELD
YUJIS	MARY			92-NC-090	A	GERMAN
ZARIN	DAVID			92-NW-016	A	NACHMAN
DRESCHEFF	ANISELA			92-NC-111	A	GERMAN
CHEN	LOUIS			72-VA-076	A	HU
WENJIN	MADHU			92-NL-063	A	RAJOSKI
McDONUGUGH	JAMES			92-NC-132	A	SURGGRAF
SPEDD	ZOLTAN			92-NE-157	A	POMRENKE
GAMACHE	ROBERT			92-IM-123	D	SAKELL
REINISCH	EDDIE			92-HL-060	D	NACHMAN
TING	JOHN			92-HL-076	D	STOBIE
UNERTL	WILLIAM			92-NC-059	D	STOBIE
CHELLAPPA	RAMA			92-NL-075	D	STOBIE
CHEY	WING HEN			92-NA-015	A	LEE
CASENMAIS	MARIZ			92-NC-064	A	LEWIS
DAYMEE	JUDITH			92-NC-100	A	SJOGREN
DESTLER	WILLIAM			92-NW-195	A	SUDARTH
EINSTEIN	THEODORE			92-NM-094	A	CRAIG
GRANATSTEIN	VICTOR			92-NE-081	A	HADDAD
GREENBERG	LEON			92-NL-013	A	BARKER
HILL, III	WENDELL			92-NE-033	A	NACHMAN
GILFATH	THOMAS			92-NM-038	A	THEODORE
WILCHBERG	HOWARD			92-HE-029	A	BARKER
ROSENFIELD	AZRIEL			92-VE-144	A	JACOBS
STEINMAN	ROBERT			92-NW-153	A	KELLEY
STEWART	GILBERT			92-HE-030	A	KELLEY
WEINER	JOHN			92-HE-023	A	KELLEY
ZELKOWITZ	MARVIN			92-NE-031	A	SCHLOSSBER
FININ	TIMOTHY			92-NM-107	A	SJOGREN
JACOBSON	LOWELL			92-NL-057	A	TANGNEY
CHANG	CHING			92-NE-015	A	LUPO
COHEN	PAUL			92-NM-157	A	WAKSMAN
CROFT	WILLIAM			92-NM-104	A	WAKSMAN
DOUAHCE	JOHN			92-NM-179	A	WAKSMAN
GUANNER	HAIM			92-NM-182	A	WAKSMAN
VOGUE	JOHN			92-NA-068	A	TANGNEY
POZAR	DAVID			92-NA-024	A	WAKSMAN
				92-NY-188	A	WAKSMAN
				92-NM-103	A	WAKSMAN
				92-IM-172	A	SUDARTH
				92-NL-102	A	CERVENY
				92-NL-033	A	HADDAD
				92-HL-054	A	HADDAD
				92-NL-096	D	HADDAD
				92-HE-148	D	WEINSTOCK

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INSTITUTION	LAST NAME	INVESTIGATOR	LAST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
UNIV OF MICHIGAN	SKRUTSKIE	MICHAEL	WICHMAN		92-NL-112		RADOSKI
	SHATTACHARYA	PAUL	WICHMAN		92-NA-109		WICHMAN
	ZELLELLI	JON			92-NC-057		WITT
	DUTTA	DEBASISH			92-NC-042		ROSENSTEIN
	GUJAR	WILIT			92-NA-062		GLASSMAN
	SILGENSACK	SCHELD			92-NC-130		ROSENSTEIN
	GOAO	LINCA			92-NE-032		BARKER
	HYUCZI	SCHEID			92-NE-055		CERVERY
	KATEHI	LINDA			92-IL-097	0	LEWIS
	KELLEN	TEIN			92-NA-133		WITT
	LAZNE	SICHARD			92-NL-171		STOBIE
	MCUPP	JERARD			92-NC-016		ERSTFIELD
	PIERRE	CHRISTOPHE			92-NE-093		WITT
	PAN	STEPHEN			92-NA-062		SCHLOSSBER
	SHIN	KANG			92-NE-009		LUPP
	SINGH	JASPOIT			92-NA-147		CRAIG
	TEMERKETZIS	DEMOSTHEMIS			92-NE-072		JACCS
	ATES	FRANK			92-NC-063		LES
	COHEN	SYLVESTER			92-15-093		PJORENKE
	DAULERS	EARL			92-NE-089		WEINSTOCK
	MCARTNEY	MARTHA			92-NC-067		ERSTFIELD
	SMITH	TERRELL			92-NA-046		FANT
	TEUFEL	AHMED			92-NA-037	A	SJOGREN
	CHICONE	CARMEN			92-NA-027	A	LUPP
	HANDEL	PETER			92-NE-091		WITT
	KHAMAWAN	WICHMAN			92-IL-153		WITT
	KRISHNAPURAM	SHAMU			92-NC-035		BURGGRAF
	PFLEIFER	PETER			92-NA-092		WAKSMAN
	PURI	RAVI			92-NC-134		WAKSMAN
	WILLETT	JOSEPH			92-NL-022		CERVERY
	SHATTACHARYA	PRASIR			92-IL-049	0	CERVERY
	NARAYANAM	PAUL			92-IL-115		NACHMAN
	REGARSED	PETER			92-NC-113		WAKSMAN
	CINSKY	MARK			92-NC-145		SJOGREN
	MCNEIL	JOHN			92-NC-122		NACHMAN
	BRUECK	STEVEN			92-NC-149		JACOBS
	CHENG	JULIAN			92-IL-127		WU
	SCHREYER	WICHARD			92-NC-040		SCHLOSSBER
	WEISER	MARTIN			92-NA-067		WU
	WING	WING			92-NC-023		LEE
	JURSIC	JRAVKE			92-NA-129		GLASSMAN
	MICHALEWICZ	SIGNER					
UNIV OF NEW ORLEANS							
UNIV OF NORTH CAROLINA							

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PM NAME
UNIV OF NOTRE DAME	SCOTT	J.		92-NH-121	O	GASSMAN
	STEVEN			92-NM-096		JACOBS
	ROBERT			92-VA-089		FANT
	WOLEGANS			92-VE-042		POMRENKE
UNIV OF OKLAHOMA	LUTHER			92-NH-136		JACOBS
UNIV OF PENNSYLVANIA	RUZENA			92-NH-088		WAKSMAN
	SERGIO			92-IL-052		TANGNEY
	WILLIAM			92-NC-009		SERMAN
	ANTHONY			92-NC-116		LEE
	SALEEM			92-NM-047		NACHMAN
	NOAH			92-NM-089		WAKSMAN
	SANTOSH			92-VA-041		SUDDARTH
				92-VA-033		SUDDARTH
				92-NC-079		ERSTFELD
UNIV OF PITTSBURGH	SANFORD	A		92-NE-052		CRAIG
	DONALD			92-NE-086		POMRENKE
	WOLFGANG			92-NA-016		CRAIG
	STEVE			92-NC-074		ROSENSTEIN
	PAUL			92-NC-101		BERMAN
	FRED			92-VA-087		JONES
	FRAC			92-NM-015		SJOGREN
	H			92-NM-085		CERVERY
	R.			92-VA-180		WAKSMAN
	JAMES			92-NE-102		WEINSTOCK
	LATIMER			92-NI-003	A	BOLAND
	ALLEN			92-NC-029		LEE
	SCOCLEWSKI			92-NA-132		SAKELL
	DELVECCHIO			92-NE-146		POMRENKE
	CALTON			92-NE-055		CRAIG
	ERWIN			92-NC-070		ERSTFELD
	FOREST			92-NE-097		POMRENKE
UNIV OF PUERTO RICO, RIO PIEDRAS	SHONIEM			92-NE-017		BARKER
UNIV OF RHODE ISLAND	YUMARESAN			92-VA-101		MCMICHAEL
	LATIMER			92-NC-049		GERMAN
	SCOCLEWSKI			92-NL-039	A	CERVERY
UNIV OF ROCHESTER	ROMAN			92-NE-146		BARKER
	VITO			92-NC-021		WILKES
	LAPRY			92-NL-121		WILKES
	DANIEL			92-NL-087		CERVERY
	STEPHEN			92-NC-056		WU
				92-NE-097		SAKELL
				92-NE-017		POMRENKE
UNIV OF SCRANTON	BRUCE			92-VA-101		WITT
UNIV OF SOUTHERN CALIFORNIA	ANUPAM			92-NC-049		LEE
	ALAN			92-NL-039	A	NACHMAN
	LARRY			92-NE-146		HADAD
UNIV OF SURREY	CURT			92-NC-021		CERVERY
UNIV OF TENNESSEE	IGOR			92-NC-056		WILLIAMS
	GLEB			92-NA-051		WILLIAMS
				92-NE-068		WILLIAMS
				92-NC-125	A	WILLIAMS
UNIV OF TEXAS	GARY			92-NC-056		WILLIAMS
	JEFFREY			92-NA-056		WILLIAMS
	JOHN			92-NA-051		WILLIAMS
	DIANE			92-NE-068		WILLIAMS
	EDWARD			92-NC-056		WILLIAMS
	ISAAC			92-NC-176		WILLIAMS
	YVANE			92-NL-055	A	WILLIAMS
	JOHN			92-NL-104		WILLIAMS

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A = FORCE OFFICE OF SCIENTIFIC RESEARCH
S = APPROVED, D = ACCREDITED, I = DECLINED, W = METHODISM

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INSTITUTION	INVESTIGATOR	FIRST NAME	MIDDLE	APPROVAL	STATUS	PM NAME
UNIV OF TEXAS, EL PASO	BLICKMAN	DAVID	PH	32-NL-977	CERVERY	
UNIV OF UTAH	KELLEP	GEORGE	J	32-NL-081	STOBIE	
UNIV OF VERMONT	MC DANELL	WILLIAM	J	32-NA-029	LEWIS	
UNIV OF VIRGINIA	SCEDEN	KEVIN	ET	32-NM-146	NACHMAN	
	SMYK	REST	J	32-NE-056	WEINSTOCK	
	WIGHT	CHARLES	J	32-NC-110	BERMAN	
	WILCZ	DAH	J	32-NL-099	FREGLY	
	GOLDEN	KENYETH	H	32-NM-117	NACHMAN	
	ZUG-MSTU	KURT		32-NA-034	NACHMAN	
	GALLAGHER	THOMAS		32-NE-095	KELLEY	
	HEGRGAN	CORNELIUS		32-NV-065	NACHMAN	
	LASIECKA	IRENA		32-NH-170	NACHMAN	
	MEYAKER	MICHAEL		32-NL-065	HADDAD	
	YODER	AHMED		32-NA-023	WU	
UNIV OF WASHINGTON	ZAKER	MARCIA		32-NL-003	STOBIE	
	ENGEL	THOMAS		32-NC-030	BURGGRAF	
	JARBOSE	THOMAS		32-NE-022	BARKER	
	KUPCSAKA	WITSYU		32-NH-034	FANT	
	TAYA	MINORU		32-NA-057	JONES	
	CRIM	E. CLEMING		32-NC-037	BERMAN	
	GLENTZER	ARTHUR		32-NL-043	FREGLY	
	KAMWER	DANIEL		32-NA-014	NACHMAN	
	KOU	SINDO		32-NC-134	LEE	
	VANGASARAIN	ELIVI		32-NH-011	GLASSMAN	
	LOBOOMAN	JAMES		32-NE-060	WEINSTOCK	
	SCHEAPER	JOHN		32-NH-034	BARKER	
	VAN EAALEN	JEFFREY		32-NH-042	WAKSHAN	
	GRANFCRD	RONALD		32-NL-113	CORNETTE	
	SHREEVE	JEANINE		32-NC-039	HEBERG	
	SWINELL	JAMES		32-NC-104	NACHMAN	
	WICKWAR	VINCENT		32-NH-133	STOBIE	
	TAKAC	PETER		32-NL-021		
	ANGERSON	MACK		32-NH-124	D	
	BURNS	JOHN		32-NC-120	WILKES	
VANDERBILT UNIVERSITY	SUNZEURGER	MAX		32-NM-073	JACOBS	
VIRGINIA POLYTECHNIC INST & STATE UNIV	WANNSGEN	KEVIN		32-NM-023	JACOBS	
	KOHLER	WERNER		32-NM-130	NACHMAN	
	NAFFEH	ALZ		32-NA-031	WU	
	REIFFSNIER	K.		32-NC-005	BURGGRAF	
	FOGEFS	CRAIG		32-NA-094	WU	
	TELIONIS	DEMETRI		32-NA-023	FANT	
	HALTERS	ROBERT		32-NA-025	SAKELL	
	REGISTER	DANIEL		32-NA-055	WU	
WARNER ROBBINS AIR LOGISTICS CENTER	HSU	CHIN		32-NA-001	A	
WASHINGTON STATE UNIVERSITY	RAHAPRIAN	3 P		32-NA-012	A	
	SELAFAVADI	PAUL		32-NA-050	FANT	
	WHITNEY			32-NL-050	FREGLY	

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LAST NAME INVESTIGATOR FIRST NAME MIDDLE

LAST NAME INVESTIGATOR	FIRST NAME	MIDDLE	PROPOSAL	STATUS	PA NAME
YAHIES KATZ	CHRISTOPHER	Z.	92-NM-163	JACCS	NACHMAN
BERNIE SODIN	ALAN	Y	92-NM-079	JACCS	CERVENY
STARK SIDERIS	GLENN	L	92-NM-137	D	NACHMAN
LYNCH PETERSON	DALÉ	S	92-NL-052	KELLEY	GLASSMAN
LYNCH PETERSON	GEORGE	A	92-NM-076	POMRENKE	PORENKE
LYNCH PETERSON	HARRY	A	92-NC-142	HADDAD	HADDAD
WILTON LEE	ANTHONY	J.	92-NM-160	BURGGRAF	NACHMAN
HALLIBURTON LARRY	SADPIYG	E	92-NM-029	NACHMAN	GLASSMAN
HORNAK LAWRENCE	PO-FANG	A	92-NM-113	NACHMAN	GLASSMAN
HSIEH WAYNF	ELCRAT	S	92-NM-010	POMRENKE	CRAIG
LANDIS ALAN	MARTINALE	VALERIE	92-NC-129	JACCS	JACCS
WANH RYSZARD	WARK	MARK	92-NE-121	CERVENY	CERVENY
ARASY SABER	PRYPUTNIENCO	RYSZARD	92-NL-026	NACHMAN	SCHLOSSBER
SEED NICHOLAS	ERED	K.	92-NC-051	SJOGREN	SJOGREN
WEISS DANIEL	EDD	Y	92-NC-001	CERVENY	CERVENY
WEISS ISSAC	WEISS	T	92-NL-099	SJOGREN	SJOGREN
WEISS RICHARD	THOMAS	T	92-NC-083	ROSENSTEIN	ROSENSTEIN
WEISS RICHARD	DAVID	T	92-NC-157	HADDAD	HADDAD
ZELANTEQ GENE	ZIDOR	T	92-NM-035	LUPD	LUPD
ZIDOR JOHN	MOODY	S	92-NL-055	SUDARTH	SUDARTH
ZIDOR JOHN	YEMORAI	A	92-NM-079	A	A
ZIDOR JOHN	SCREENIVASAN	KATEPALLI	92-NM-074	SJOGREN	SJOGREN
ZIDOR JOHN	DAVIS	MICHAEL	92-NM-022	MICHAEL	MICHAEL
ZIDOR JOHN	DAVIS	MICHAEL	92-NL-032	A	A
ZIDOR JOHN	DAVIS	MICHAEL	92-NL-061	A	A

YALE UNIVERSITY SCHOOL OF MEDICINE

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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/ACNTNS TYPE/ACNTNS	RECEIVED AMOUNT	PROGRAM MANAGER PROPOSAL #	STATUS	INITIATE START DATE TOT AMT
INVESTIGATION OF CRACK PATH FORMATION MECHANISM IN NICKEL-GENEUS MATERIALS AND FRACURE ASSESSMENT FOR CURVILINEAR CRACK PATH TULANE UNIVERSITY	ASHER	Y 36	\$107,10/91 \$244,973	JONES		92-NA-055
(AASERT) EFFECT OF PARTICLE SHAPE ON GRANULAR MATERIAL BEHAVIOR UNIV OF LOWELL	TING	Y 12	\$23,10/91 \$46,130	LEWIS		92-NA-016
VORTEX RECONNECTION AND OTHER RELATED ASPECTS OF SUPERSONIC FLOWS UNIV OF HOUSTON	HUSSAIN	Y 36	\$28,10/91 \$441,527	SAKELL		92-NA-019
INFFECTIVE COMPUTATIONAL STRATEGY AND PREDICTING THE RESPONSE OF COMPLEX SYSTEMS UNIV OF VIRGINIA	NOOR	Y 12	\$4,10/91 \$5,000	AHMED	A	\$5,000 01/11/91 \$5,000
(AASERT) AERO-THERMODYNAMIC DISTORTION INDUCED STRUCTURE DYNAMIC RESPONSE OF MULTISTAGE TURBOMACHINERY BLADING PURDUE UNIVERSITY	LEETER	Y 24	\$23,10/91 \$155,664	FANT		92-NA-020
(AASERT) THE PASSIVE SCALAR FIELD AND NON-GAUSSIANITY IN TURBULENT FIELDS YALE UNIVERSITY	GREENIVASAN	Y 24	\$28,10/91 \$255,536	MCMICHAEL		92-NA-032
(AASERT) CHARACTERIZATION AND SIMULATION OF DAMAGE BEHAVIOR IN FIBER-REINFORCED CERAMIC MATRIX COMPOSITES DREXEL UNIVERSITY	WANG	Y 36	\$30,10/91 \$123,065	ALBERT	JONES	92-NA-040
(AASERT) AUGMENTATION AWARD IN SUPPORT OF GAS TURBINE HEAT TRANSFER STUDIES UNIV OF MINNESOTA	SIMON	Y 24	\$31,10/91 \$154,756	TERRENCE	FANT	92-NA-046
(AASERT) ADAPTIVE ALGORITHM FOR MANEUVERING AIRCRAFT IN TURBULENT FLOW UNIV OF TEXAS	KALLINGERIS	Y 24	\$31,10/91 \$71,715	JOHN	SAKELL	92-NA-051

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TITLE	INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED	STATUS	INITIATE START DATE	TOT AMT
TRANSFERABILITY OF ADVANCED ULTRASONIC TECHNIQUES TO ATTENUATIVE COMPOSITES FOR DAMAGE DETECTION	Drexel University UNIV OF TEXAS	SANDOP	N 24 24/11/91 \$293,745	WU	92-NA-054	
CAASERT) EXPERIMENTAL RESEARCH ON PULSE RESPONSE BASED CONTROL -> Q MANEUVER OF FLEXIBLE SPACECRAFT UNDER THE CCC AASERT PROGRAM	UNIV OF COLORADO	JEFFREY	N 36 12/11/91 \$103,462	WU	92-NA-056	
CAASERT) GRADUATE STUDENT SUPPORT AND STUDIES OF ROCKET COMBUSTION CHEMISTRY AND CONSTITUTION INSTABILITY	UNIV OF MICHIGAN	SPANCH	N 35 12/11/91 \$162,665	BIRKAN	92-NA-050	
CAASERT) NORMAL MODES AND MODAL ANALYSIS FOR NONLINEAR STRUCTURAL SYSTEMS	UNIV OF MICHIGAN	PIERRE	N 36 12/11/91 \$100,305	WU	92-NA-052	
CAASERT) EXPERIMENTAL STUDIES OF MECHANICAL SYSTEMS UNDER COMBINED HARMONIC AND STOCHASTIC EXCITATIONS	UNIV OF ILLINOIS	NAMACHCHIVAYA	N 34 12/11/91 \$0	WU	92-NA-055	
CAASERT) EXPERIMENTAL CALIBRATION OF UNI-TRIAXIAL ARC-JET ELD MODELS	UNIV OF ILLINOIS	KRTER	N 36 12/11/91 \$165,507	BIRKAN	92-NA-056	
CAASERT) CRACK LAYER STABILITY ANALYSIS AND CRITERIA OF FRITILE OR DUCTILE FAILURE	UNIV OF ILLINOIS	CHUDNOVSKY	ALEXANDER	N 24 13/11/91 \$149,934	WU	92-NA-072
CAASERT) SUSMICROSCOPIC DEFORMATION OF CONCRETE IN COMPRESSION	UNIV OF KANSAS	DARHIN	DAVID	N 24 13/11/91 \$122,650	WU	92-NA-076
CAASERT) EFFECT OF MOLECULAR WEIGHT AND AGING ON FRACTURE TOUGHNESS OF POLYCARBONATE	UNIV OF ILLINOIS	CHUDNOVSKY	ALEXANDER	N 24 13/11/91 \$151,350	LEWIS	92-NA-031

TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROPOSAL #	INITIATE START DATE TOT AMT
CAASERT) MICROMECHANICAL MODELS OF STRENGTH STATISTICS OF COMPOSITE MATERIALS PURDUE UNIVERSITY	KEITH WALKER	Y 36 13/11/91 \$213,375	JONES 92-NA-034	
CAASERT) NOVEL CALCULATION METHODS FOR UNSTEADY SEPARATION LEHIGH UNIVERSITY	J. DAVIS	Y 24 14/11/91 \$110,755	FANT 92-NA-091	
CAASERT) SURFACE MODIFICATIONS RELEVANT TO FLOW STRUCTURE CONTROL LEHIGH UNIVERSITY	SMITH	Y 24 15/11/91 \$135,195	FANT 92-NA-092	
CAASERT) ADVANCED IMAGING TECHNIQUES FOR FLOWS PAST SWEEP WINGS LEHIGH UNIVERSITY	FOCKWELL	Y 24 15/11/91 \$127,503	FANT 92-NA-093	
CAASERT) HIGH PERFORMANCE COMPUTATION OF AEROELASTIC PROBLEMS UNIV OF COLORADO	MCBOYAN	Y 24 13/11/91 \$301,070	SAKELL 92-NA-098	
CAASERT) SMALL SCALE DYNAMICS AND MIXING IN TURBULENT SHEAR FLOWS UNIV OF MICHIGAN	AKHAVAN	Y 24 13/11/91 \$193,079	MCMICHAEL 92-NA-100	
CAASERT) THE EFFECTS OF HEATING, STREAMWISE CURVATURE AND NOZZLE GEOMETRY ON THE WALL JET UNIV OF ARIZONA	WYGNANSKI	Y 24 18/11/91 \$255,136	MCMICHAEL 92-NA-102	
CAASERT) JETS INDUCED BY SURFACE-MOUNTED PIEZOELECTRIC ACTUATORS UNIV OF ARIZONA	GLEXER	Y 24 13/11/91 \$147,396	MCMICHAEL 92-NA-103	
CAASERT) INTERACTIVE APPROXIMATES FOR TURBULENT ENO-WALL BOUNDARY LAYERS LEHIGH UNIVERSITY	WALKER	Y 24 18/11/91 \$110,755	MCMICHAEL 92-NA-105	

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TITLE	TYPE/MONTHS	STATUS	INITIATE
TITLE (CONT.)	RECEIVED	PROGRAM MANAGER	START DATE
INSTITUTION	AMOUNT	PROPOSAL #	TOT AMT
NOVEL DIAGNOSTIC TECHNIQUES AND ACTUATOR TECHNOLOGY TO TURBULENT SHEAR FLOWS UNIV OF ARIZONA	N 24 20/11/91 5253,713	4 MICHAEL 92-NA-107	
A PROPOSAL FOR OPTIMAL AND SEPARATIONAL PLACEMENT OF ACTUATORS AND SENSORS HOWARD UNIVERSITY	N 12 25/11/91 \$59,134	WU 92-NA-114	
TOWARDS UNDERSTANDING TURBULENT SUPERSONIC BOUNDARY LAYERS UNIV OF ARIZONA	N 35 05/12/91 \$200,559	SAKELL 92-NA-113	
NUMERICAL ANALYSIS OF TIME DEPENDENT TWO-PHASE NON-REACTING FLOWS UNIV OF ILLINOIS	N 12 11/12/91 \$34,770	TISHKOFF 92-NA-123	01/04/92 \$34,770
CAASERT INTERFACE MECHANICS OF PARTICULATE MEDIA WITH RIBBED INCLUSIONS UNIV OF MICHIGAN	N 12 23/12/91 \$13,411	LEWIS 92-NA-133	
HIGHLY ACCURATE PREDICTION OF UNSTEADY VISCOSUS FLOWS GRUMMAN AEROSPACE CORP	N 12 17/12/91 \$100,037	SAKELL 92-NA-125	
STRUCTURAL RESPONSE OF OXIDATION RESISTANT CARBON-CARBON COMPOSITES UNDER CYCLIC AND MONOTONIC LOADING TEXAS ENGINEERING EXPERIMENT CENTER	N 26 18/12/91 \$324,451	JONES 92-NA-128	
CONTROL DESIGN FOR EVOLUTIONARY STRUCTURAL SYSTEMS TEXAS ENGINEERING EXPERIMENT CENTER	N 37 18/12/91 \$212,313	WU 92-NA-129	
RESEARCH IN MECHANICS AND CONTROL OF NON-LINEAR STRUCTURAL SYSTEMS TEXAS ENGINEERING EXPERIMENT CENTER	N 36 27/12/91 \$307,833	WU 92-NA-136	

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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT
WORKSHOP ON MULTIPLE SITE DAMAGE IN AGING AIRCRAFT	DANIEL	Y 04 37/11/91 \$15,000	A HU	\$15,000 15/11/91 \$15,000
MARINE LOGISTICS CENTER REGISTERED				
(ASSERT) UNDRAINED CREST BEHAVIOR IN CLAYEY SOILS				
UNIV OF TEXAS, EL PASO	MIGUEL PICORNELL	N 24 23/10/91 \$49,092	LEWIS 92-NA-029	
INTERNATIONAL WORKSHOP ON STRUCTURAL INTEGRITY OF AGING AIRPLANES				
GEORGIA INSTITUTE OF TECH	ATLUST SATYA	N 33 24/11/91 \$5,000	HU	92-NA-053
(ASSERT) LIFE PREDICTION CONCEPTS FOR C-141: STUDENT AUMENTATION				
GEORGIA INSTITUTE OF TECH	MCDOWELL DAVID	N 36 23/11/91 \$145,350	JONES 92-NA-074	
MECHANICS OF SHRINKAGE DURING PROCESSING OF CARBON-CAPED COMPOSITES				
JORTNER RESEARCH & ENGINEERING, INC.	JORTNER JULIUS	N 36 13/12/91 \$100,294	JONES 92-NA-131	
(ASSERT) FLOW-VECTORIZING CONTROL IN JETS AND WAKES				
UNIV OF SOUTHERN CALIFORNIA	REDEKOP LARRY	N 24 18/11/91 \$115,336	MCMICHAEL 92-NA-101	
(ASSERT) CODE VALIDATION FOR NONEQUILIBRIUM FLOWS				
UNIV OF SOUTHERN CALIFORNIA	ERWIN DANIEL	N 12 23/12/91 \$395,779	SAKELL 92-NA-132	
(EPSCOR) COMPRESSIBLE FLOW TURBULENCE SIMULATION AND MODELING VIA ADDITIVE TURBULENT DECORPOSITION				
UNIV OF KENTUCKY RESEARCH FOUNDATION	MCDOUGH JAMES	N 24 09/12/91 \$167,563	SAKELL 92-NA-121	
STUDIES OF VORTEX DYNAMICS AND SEPARATION OVER PITCHING WINGS				
WASHINGTON STATE UNIVERSITY	5 P PAMAPIAN	N 36 21/10/91 \$292,501	FANT A 15/01/92 \$282,501	

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CAASERT) EXPERIMENTAL RESEARCH ON THREE-DIMENSIONAL UNSTEADY FLOW FELLOWS WASHINGTON STATE UNIVERSITY	RAMAPRAN RELAXAVACI	N 24 12/11/91 \$145,765	EANT	92-NA-030
CAASERT) EXPERIMENTS IN TURBULENT SPRAY COMBUSTION UNIV OF CALIFORNIA	KENNEDY IAN	N 36 07/10/91 \$111,593	TISHKOFF 92-NA-004	
MECHANICS OF LOCALIZED DEFORMATION OF SOLIDS UNDER CYCLIC MECHANICAL AND THERMAL LOADINGS UNIV OF CALIFORNIA	LIN	N 36 03/10/91 \$245,030	WU A 92-NA-007	\$78,757 01/02/92 \$245,030
FEEDBACK CONTROL OF VORTEX FLOWS UNIV OF CALIFORNIA	MONKEWITZ MONKEWITZ	N 36 11/10/91 \$218,390	MCMICHAEL 92-NA-016	
CAASERT) EXPERIMENTAL INVESTIGATION OF STABILITY AND CHIRALITY OF SAND	LEGE DETER	N 24 31/10/91 \$230,794	LEWIS 92-NA-042	
CAASERT) STUDY OF MICROMACHINERY - AN EMERGING TECHNOLOGY UNIV OF CALIFORNIA	HO	N 24 21/10/91 \$155,319	MCMICHAEL 92-NA-049	
CAASERT) LOCALIZED DEFORMATION IN POLYCRYSTALLINE SOLIDS UNDER HYDROSTATIC AND CYCLIC LOADINGS UNIV OF CALIFORNIA	LIN	N 24 13/11/91 \$124,512	WU 92-NA-068	
CAASERT) EFFECTS OF FABRIC ANISOTROPY AND MICROSTRUCTURE ON STRAIN LOCALIZATION IN GRANULAR MATERIALS UNIV OF CALIFORNIA	NEMAT-NASSER SIAVUCHE	N 24 13/11/91 \$163,621	LEWIS 92-NA-079	
STUDY OF FLUID-DYNAMICS WITH INTEGRATED MICRO-SENSORS UNIV OF CALIFORNIA	CHIH-MING HC	N 24 20/11/91 \$292,908	MCMICHAEL 92-NA-108	

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MANIPULATION OF AEROTOL RESPONSE IN AN UNSTEADY STREAM UNIV OF CALIFORNIA	CHEU-MIRIS CJ	N 36 21/11/91 \$385,270	FANT 92-NA-111	\$120,221 01/02/92 \$385,230
INTEGRABLE AND CHAOTIC MOTION OF A SOLID BODY THROUGH A FLUID UNIV OF CALIFORNIA, SAN DIEGO	AREEF MASSAN	N 36 21/11/91 \$225,376	MCMICHAEL 92-NA-109	
CAASERT) EXPERIMENTAL STUDY OF LOCALIZED DAMAGE IN THE WUC AT ELEVATED TEMPERATURE CONDITIONS UNIV OF RHODE ISLAND	GHONIEM P	N 26 13/11/91 \$152,255	JONES 92-NA-087	
CAASERT) TIME ACCURATE AERELASTIC COMPUTATIONAL METHODS FOR WING ANALYSIS NORTH CAROLINA STATE UNIVERSITY	YCPAS SCOTT	N 24 31/10/91 \$229,736	SAKELL 92-NA-043	
IDEALIZATION CONTROL TECHNIQUES FOR THE ANALYSIS OF HETEROGENEUS MEDIA RENSSELAER POLYTECHNIC INSTITUTE	SHEPPARD MARK	N 36 21/10/91 \$455,539	WU 92-NA-015	
CAASERT) IDEALIZATION CONTROL TECHNIQUES FOR THE ANALYSIS OF HETEROGENEUS MEDIA RENSSELAER POLYTECHNIC INSTITUTE	SHEPPARD MARK	N 26 25/10/91 \$199,952	WU 92-NA-035	
CAASERT) STUDENT RESEARCH IN METALLIC FUEL COMBUSTION KINETICS RENSSELAER POLYTECHNIC INSTITUTE	FONTIJN ARTHUR	N 36 23/10/91 \$163,700	SIRKAN 92-NA-036	
COMBUSTION KINETICS OF HEAVY AND METALLIC FUELS RENSSELAER POLYTECHNIC INSTITUTE	FONTIJN ARTHUR	N 36 25/11/91 \$465,942	SIRKAN 92-NA-113	\$110,286 01/03/92 \$338,375
CAASERT) A CONCEPTUAL MODEL OF VORTEX BREAKDOWN UNIV OF NOTRE DAME	NELSON ROBERT	N 24 14/11/91 \$68,178	FANT 92-NA-089	

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ATOMIZATION OF VISCOUS LIQUID SHEETS	ESSAM	TYPE/MONTHS RECEIVED	STATUS PROPOSAL #	INITIATE START DATE TOT ANT
TUSKEGEE INSTITUTE		N 11/11/91 1115,235	A TISHKOFF 92-NA-115	\$44,311 01/03/92 \$116,235
ATOMIZATION OF VISCOUS LIQUID SHEETS	ESSAM	N 13/12/91 1116,235	TISHKOFF 92-NA-130	36
TUSKEGEE INSTITUTE	ESSAM			
CAASERT) DOMAIN PROCESSING IN SPACECRAFT DYNAMICS, STABILITY & CONTROL	ATKINSON	N 21/10/91 1120,746	WU 92-NA-033	36
PENNSYLVANIA STATE UNIVERSITY	AMCS			
CAASERT) NONLINEAR PROCESSES IN FERROELECTRIC CERAMICS	CROSS	N 21/10/91 109,513	WU 92-NA-048	25
PENNSYLVANIA STATE UNIVERSITY	ERIC			
CAASERT) INSTABILITIES AND MODEL INTERACTIONS IN THE DYNAMICS OF NONLINEAR STRUCTURES	CUSUMANO	N 13/11/91 1197,907	WU 92-NA-070	24
PENNSYLVANIA STATE UNIVERSITY	JOSEPH			
CAASERT) SURFACE REACTIVITY OF COMBUSTION GENERATED SOOT PARTICLES	SANTORO	N 13/11/91 1153,254	TISHKOFF 92-NA-082	36
PENNSYLVANIA STATE UNIVERSITY	ROBERT			
CAASERT) FLAME-TURBULENCE INTERACTIONS	SANTAVICCA	N 13/11/91 1159,934	TISHKOFF 92-NA-086	36
PENNSYLVANIA STATE UNIVERSITY	DOMENIC			
CAASERT) SWIRL EFFECTS ON COAXIAL INJECTOR ATTACHMENT	SANTORO	N 13/11/91 121,392	BIRKAN 92-NA-088	36
PENNSYLVANIA STATE UNIVERSITY	ROBERT			
CAASERT) CONTROL AND MANAGEMENT OF UNSTEADY AND TURBULENT FLOWS	NAGIA	N 13/11/91 1144,515	TISHKOFF 92-NA-090	36
ILLINOIS INSTITUTE OF TECHNOLOGY	MASSAN			

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INSTITUTION				
AUGMENTATION AWARDS FOR PHYSICAL CHEMISTRY STUDENTS	ROBERT COOPER	N 03/10/91 \$41,548	GERMAN 92-NC-036	
UNIV OF DENVER				
RESEARCH TRAINING IN SURFACE SCIENCE	STEVEN STIEFER	N 17/10/91 \$53,215	ERSTFELD 92-NC-010	
UNIV OF CHICAGO				
AGLUMINATED SURFACE SPECIES IN METALOLOGY	ANDREW GELLMAN	N 17/10/91 \$63,117	ERSTFELD 92-NC-014	
UNIV OF ILLINOIS				
OPTICAL COMPOSITES	LARRY HENCH	N 21/10/91 \$51,975	ERSTFELD 92-NC-017	
UNIV OF FLORIDA				
TAILLED INORGANIC AND ORGANOMETALLIC POLYMERS	LAINE RICHARD	N 22/10/91 \$20,616	ERSTFELD 92-NC-024	
UNIV OF MICHIGAN				
SPECTROELECTROCHEMICAL INVESTIGATIONS OF MOLTEN HALIDE SOLUTION	GLEB MAHANTY	N 28/10/91 \$22,740	WILKES 92-NC-031	
UNIV OF TENNESSEE				
ENERGY TRANSFER PROCESSES IN RELEVANCE TO OXYGEN-ICINGE AND OPTICALLY PUMPED LASERS	MICHAEL HEAVEN	N 23/10/91 \$21,329	GERMAN 92-NC-032	
EMORY UNIVERSITY				
FORMATION OF CERAMIC COMPOSITES BY SINTERING OF CERAMIC REINFORCEMENT PARTICLES	MOHAMED KAHAMAN	N 29/10/91 \$49,671	BURGGRAF 92-NC-035	
UNIV OF MISSOURI				
SPECTROSCOPY AND DYNAMICS OF VIBRATIONALLY EXCITED MOLECULES	F. ELEMING CRIK	N 29/10/91 \$51,096	GERMAN 92-NC-037	
UNIV OF WISCONSIN				

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TITLE (CONT.)
INSTITUTIONSYNCHROTRON STRAIN HOPPING STUDIES OF THE DECORATION OF
SICRYSTALS
UNIV OF MICHIGANOIGATIONS AS HIGH ENERGY SPECIES: GRADUATE TRAINING IN CHEMICAL
PHYSICS AT JILA
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AUGMENTATION FOR RESEARCH IN SPACE MATERIALS

UNIV OF DENVER

NEW METAL PROJECTED CHEMISTRY OF FLUORINATED ORGANIC MOLECULES
CARTHOUSE COLLEGEMECHANICAL PROPERTIES OF CERAMIC COMPOSITES EXHIBITING TAILORED
COMPLEX BIOMODAL MICROSTRUCTURES
LEHIGH UNIVERSITYDEVELOPMENT OF AN ULTRA-HIGH VACUUM ATOMIC FORCE MICROSCOPE
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SYNCHROTRON STRAIN HOPPING STUDIES OF THE DECORATION OF SICRYSTALS UNIV OF MICHIGAN	JCH	Y 12 10/10/91 \$106,770	ROSENSTEIN 92-NC-043		
OIGATIONS AS HIGH ENERGY SPECIES: GRADUATE TRAINING IN CHEMICAL PHYSICS AT JILA UNIV OF COLORADO	LINESEYER	N 12 31/10/91 \$47,241	BERMAN 92-NC-047		
PHOTOPHYSICS AND PHOTOCHEMISTRY OF POLY(2-ALKYLTHIOPHENES)	MICHL	Y 12 31/10/91 \$57,537	HEDBERG 92-NC-048		
HYDROGEN BONDING INTERACTIONS IN POLYMERS	SANCHEZ	N 12 31/10/91 \$43,056	LEE 92-NC-056		
AUGMENTATION FOR RESEARCH IN SPACE MATERIALS	AMME	Y 36 21/11/91 \$104,751	BURGGRAF 92-NC-057		
NEW METAL PROJECTED CHEMISTRY OF FLUORINATED ORGANIC MOLECULES	RUSSELL	Y 36 21/11/91 \$245,524	HEDBERG 92-NC-060		
MECHANICAL PROPERTIES OF CERAMIC COMPOSITES EXHIBITING TAILORED COMPLEX BIOMODAL MICROSTRUCTURES LEHIGH UNIVERSITY	HARMER	N 36 01/11/91 \$152,369	BURGGRAF 92-NC-063		
DEVELOPMENT OF AN ULTRA-HIGH VACUUM ATOMIC FORCE MICROSCOPE	WILLIAMS	N 36 01/11/91 \$149,533	LEE 92-NC-064		
DIFFUSIVITY AND STRUCTURAL MODIFICATION OF NANOCRYSTALLINE 43- ALUMINIDES UNIV OF ILLINOIS	JYOTI	N 36 01/11/91 \$193,943	ROSENSTEIN 92-NC-065		

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SYNTHESIS AND PROCESSING OF ORGANICALLY-MODIFIED OXIDES IN

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SYNTHETIC AND ELECTRICAL APPLICATIONS

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MECHANICAL BEHAVIOR OF TRANSFORMED CERAMIC COMPOSITES

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THE NUCLEATION OF CRYSTALLINE FILMS FROM VAPOR PHASE REACTANTS

SHELLON

STUDIES OF CARBON AND CARBON SURFACES

UNIV OF ILLINOIS

STUDIES OF CARBON AND CARBON SURFACES

TRENARY

DEVELOPMENT OF MULTISUBSTRATE MATERIALS

UNIV OF CHICAGO

STUDIES OF CARBON AND CARBON SURFACES

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STATE SELECTED PHOTOCOAGULATION: ULTRAVIOLET ATOMIC "WALLET

COLLISIONS" AND INTENSE LASER FIELD EFFECTS

UNIV OF IOWA

CRAY 2 CALCULATIONS ON NITROGEN CLUSTERS

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UNIV OF ARIZONA

UNIV OF ILLINOIS

UNIV OF ILLINOIS

UNIV OF CHICAGO

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CRAY 2 CALCULATIONS OF POTENTIAL ENERGY SURFACES FOR DICTIONS UNIV OF COLORADO	LIEBERGER W. CARL	N 11/12 \$1,500 F1,500	A SURGRAF 92-NC-035	01/10/91 \$1,500	
DEVELOPMENT OF AN ULTRA-HIGH VACUUM ATOMIC SPACE MICROSCOPE UNIV OF MAINE	UNERTL WILLIAM	N 36 04/12/91 \$149,833	LEE 92-NC-100		
THE STRUCTURE AND REACTIVITY OF CARBON AND CARBON SURFACES UNIV OF ILLINOIS	TRENDY MICHAEL	N 36 04/12/91 \$364,185	A FRSTFELD 92-NC-102	\$108,357 \$364,185	
LASER DETONATION OF ANORGANIC SURFACE UNIV OF UTAH	WEIGHT CHARLES	N 36 09/12/91 \$108,227	BERMAN 92-NC-110		
STUDENT PARTICIPATION IN RESEARCH ON ALKALI METAL-HYDROGEN REACTIONS IN CLUSTERS UNIV OF IOWA	YOUNG MARK	N 36 09/12/91 \$79,971	BERMAN 92-NC-111		
SPECTROSCOPY OF PURITIES EMBEDDED IN SOLID HYDROGEN UNIV OF CHICAGO	OKA TAKESHITA	N 36 07/12/91 \$198,255	BERMAN 92-NC-112		
MICROSTRUCTURE AND PROPERTIES OF ORIENTED SEMICRYSTALLINE BLOCK COPOLYMERS UNIV OF MINNESOTA	SATES FRANK	N 36 11/12/91 \$217,222	LEE 92-NC-115		
ELECTROCHEMICAL AND SPECTROSCOPY STUDIES OF SELECTED INORGANIC AND ORGANIC SYSTEMS IN MOLTEN HALIDES UNIV OF TENNESSEE	MAMANTOV SLED	N 36 16/12/91 \$512,469	WILKES 92-NC-121		
CRYSTAL "STRUCTURE" AND TRANSITIONS IN RIGID PACKONE THERMOTROPIC LIQUID CRYSTAL POLYMERS UNIV OF ILLINOIS	SEIL PHILLIP	N 36 17/12/91 \$495,239	LEE 92-NC-123		

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INVESTIGATION CRYSTALS, MONOTONIC DEFORMATION AND FAILURE OF METAL SINGLE GEORGIA INSTITUTE OF TECH	STEPHEN VITOLICH	" 36 23/12/91 5217,059	POSENSTEIN	92-NC-131			
DEVELOPMENT OF ADVANCED PHOTONIC MATERIALS	DALTON LARRY	" 12 25/10/91 \$97,616	LEE	92-NC-029			
LASER STUDIES OF GAS SURFACE INTERACTIONS	WITTIG UNIV OF SOUTHERN CALIFORNIA	" 12 21/10/91 \$24,797	BERMAN	92-NC-043			
CATALYSIS OF THE SELECTIVE DEHYDROGENATION OF HYDROCARBONS	KCEL UNIV OF SOUTHERN CALIFORNIA	" 36 04/11/91 \$94,706	ERSTFELD	92-NC-070			
INTERFACE STUDIES IN CERAMIC MATRIX COMPOSITES	DEALE CITY COLLEGE - CUNY	" 12 22/10/91 \$47,224	PURGRAF	92-NC-020			
CONJUGATED POLYMERS WITH DEGENERATE GROUND STATES: THE ROUTE TO HIGH PERFORMANCE HLD RESPONSE	DEALE UNIV OF CALIFORNIA	" 12 37/10/91 \$244,353	BERMAN	92-NC-002			
STUDIES OF TRANSITION STATES AND INTERMEDIATES IN POLYATOMIC REACTIONS BY NEGATIVE ION PHOTOELECTRON SPECTROSCOPY	HEEGER UNIV OF CALIFORNIA	" 12 19/10/91 \$34,764	BERMAN	92-NC-016			
PHOTOCHEMISTRY OF GAS PHASE CLUSTER IONS	MICHAEL UNIV OF CALIFORNIA	" 12 22/10/91 \$52,322	BERMAN	92-NC-019			
CONJUGATED POLYMERS WITH DEGENERATE GROUND STATES: THE ROUTE TO HIGH PERFORMANCE HLD RESPONSE	HEEGER UNIV OF CALIFORNIA	" 12 23/10/91 \$60,902	LEE	92-NC-026			

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HIGH TEMPERATURE STRUCTURAL MATERIALS - CREEP AND FATIGUE FROM STATES OF LAMINATED METAL COMPOSITES UNIV OF CALIFORNIA	MUKHERJEE ANIYA	Y 12 29/10/91 \$72,345	ROSENSTEIN 92-NC-023	
NEW METHODS FOR TREATMENT OF ELECTRON CORRELATION AND SURFACE DYNAMICS	CARTER JUNIV OF CALIFORNIA	Y 12 29/10/91 \$68,952	BURGGRAF 92-NC-044	
AMORPHOUS AND CRYSTALLINE ELECTRODES FOR LIQUID SOLUTIONS UNIV OF CALIFORNIA	WACKENROD EMILY	Y 36 01/11/91 \$260,417	EASTFELD 92-NC-059	
PATTERNS MECHANISMS IN INTERMETALLIC MATRIX COMPOSITES PRODUCED BY SOLIDIFICATION TECHNIQUES UNIV OF CALIFORNIA	EARTHMAN JAMES	Y 36 04/11/91 \$345,470	ROSENSTEIN 92-NC-069	
CRAY 2 CALCULATIONS IN REACTIONS OF SILICON SURFACES UNIV OF CALIFORNIA	CARTER EMILY	Y 12 12/11/91 \$1,000	BURGGRAF 92-NC-097	
CRAY 2 CALCULATIONS TO DEVELOP THEORETICAL MODELS OF ELECTRON SCATTERING FROM SURFACES UNIV OF CALIFORNIA	NETIUS MORTA	Y 12 22/11/91 \$1,000	BURGGRAF 92-NC-091	
ULTRAPAST STUDIES IN HIGH PRESSURE SOLIDS: EXPERIMENT AND THEORY UNIV OF CALIFORNIA	ADKARIAN VARTKESS	Y 26 09/12/91 \$113,317	BERMAN 92-NC-109	
XXTH INTERNATIONAL CONFERENCE IN HOMOCHEMISTRY GEORGIA TECH RESEARCH COOPERATIVE	WINE	Y 12 22/10/91 \$15,000	BERMAN 92-NC-021	
PHOTOCOAGULATION STUDIES OF SURFACE OXIDES UNIV OF PUERTO RICO, RIO GRANDE	WEINSTEIN BRAD	Y 36 04/12/91 \$155,613	BERMAN 92-NC-101	

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PREPARATION AND STUDY OF VIBRATIONALLY EXCITED MOLECULES USING
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ERNST

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NEW APPROACHES TO SYNTHESIS OF NOVEL BINARY AND TERNARY COMPOSITES

ERICKSON

TRANSPORTABLE DYE LASERS FOR ENVIRONMENTAL ANALYSIS

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A NEW APPROACH TOWARD THE UNDERSTANDING OF EXCITATION OF CARBON/

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HYDRO-THERMAL PROCESSES FOR LOW TEMPERATURE (>500°C) SYNTHESIS OF

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SYNTHESIS, CHARACTERIZATION AND PROPERTIES OF NANOMETER-SIZED

INTERMETALLICS

ILLINOIS INSTITUTE OF TECHNOLOGY

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INVESTIGATOR

PROPOSAL *

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92-NC-012

ACELANG

BERMAN

BERMAN

BERMAN

BURGGRAF

BURGGRAF

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(ASSERT) USING A COMBINED TEMPOREAL SLITTING AND CORRELATION TECHNIQUE TO INVESTIGATE INTERACTIVE CONTROL IN A TURBULENT FLUIDS INSTITUTE OF TECHNOLOGY WACK	CANDACE		N 36 13/11/91 \$144,515	TISHKJEF 92-NA-083	
FATIGUE AND THE INCEPTION AND ORGANIZATION OF IMPERFECTIONS ILLINOIS INSTITUTE OF TECHNOLOGY	SUPALNICK	S A	N 24 21/11/91 \$330,320	WU	92-NA-112
MICROMECHANICS MODELING AND ANALYSIS OF HAVERSTAIN, COMBACT ZONE TISSUE AS A FIBER REINFORCED COMPOSITE MATERIAL TEXAS A AND M RESEARCH FOUNDATION HOGAN	CHARRY		N 24 04/10/91 \$150,213	JONES A 92-NA-093	\$75,535 01/01/92 \$150,213
(ASSERT) MIXING, CONTROL OF TRANSPORT ENHANCEMENT, AND STRUCTURE FORMATION NORTHWESTERN UNIVERSITY	CTTINO	JULIO	N 12 23/10/91 \$244,058	MCMICHAEL	92-NA-020
(ASSERT) DAMAGE EVOLUTION IN QUASI-ELASTIC MATERIALS SUBJECTED TO MONOTONIC AND FATIGUE LOADING NORTHWESTERN UNIVERSITY	SHAH	SURENDRA	N 24 25/10/91 \$224,131	WU	92-NA-027
MECHANICS OF SMART STRUCTURES NORTHWESTERN UNIVERSITY	ACHENBACH	JAN	N 36 04/11/91 \$247,529	WU	92-NA-052
(ASSERT) EFFECTS OF GEOMETRIC AND MATERIAL PARAMETERS ON BEHAVIOR OF FIBER COMPOSITES NORTHWESTERN UNIVERSITY	DANIEL	ISAAC	N 36 13/11/91 \$135,116	JONES	92-NA-071
(ASSERT) INTERFACIAL PROPERTIES OF HIGH TEMPERATURE COMPOSITES NORTHWESTERN UNIVERSITY	KEER	LEON	N 36 13/11/91 \$295,579	JONES	92-NA-077
(ASSERT) MICROMECHANICALS OF INTERFACES IN HIGH-TEMPERATURE COMPOSITES NORTHWESTERN UNIVERSITY	MURA	TOSHIO	N 36 13/11/91 \$523,596	JONES	92-NA-078

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(AASERT) PERTURBED SUPERSONIC TURBULENT BOUNDARY LAYERS OHIO STATE UNIV RESEARCH FOUNDATION	SANTAY MC	N 26 21/10/91 \$106,999	SAKELL 92-NA-011	
(AASERT) DRAG REDUCTION FOR HIGH-SPEED AIRCRAFT OHIO STATE UNIV RESEARCH FOUNDATION	HERBERT MC	N 24 18/11/91 \$140,366	SAKELL 92-NA-099	
(AASERT) FLOW CONTROL BY "SMART WALLS" OHIO STATE UNIV RESEARCH FOUNDATION	THOMAS HERBERT MC	Y 24 13/11/91 \$129,356	MCMICHAEL 92-NA-104	
A STUDY OF MIXING AND COMBUSTION IN THE PRESENCE OF A STRONG STREAMWISE VORTICITY OHIO STATE UNIV RESEARCH FOUNDATION	SAMIMY MC	N 24 10/12/91 \$35,694	TRISHKOFF 92-NA-122	
ANALYSIS AND CONTROL OF INTERCONNECTED STRUCTURES OHIO STATE UNIV RESEARCH FOUNDATION	CHIUNG MC	Y 36 27/12/91 \$335,332	WU 92-NA-134	
(AASERT) A CYCLO-MECHANICS MODELING OF DAMAGE AND DEFORMATION FOR BONDED GRANULES UNIV OF MASSACHUSETTS	CHANG MC	Y 24 29/10/91 \$143,124	LEWIS 92-NA-024	
MICROSTRUCTURAL DEFORMATION MECHANISMS IN CALCIFIED TISSUE CITY UNIVERSITY OF NEW YORK	COWIN STEPHEN MC	N 36 18/12/91 \$275,195	JONES 92-NA-127	
(AASERT) DYNAMIC INTERACTION OF LIQUID-STRUCTURAL SYSTEMS IOWA STATE UNIV OF SCIENCE AND TECH	BAUMGARTEN JOSEPH MC	Y 36 12/11/91 \$192,522	WU 92-NA-054	
(AASERT) AN ACCELERATED STUDY OF WALL REGION-MODELING FOR HYPERSONIC INLET SHOCK/BOUNDARY LAYER INTERACTION FLows IOWA STATE UNIV OF SCIENCE AND TECH	SEGOOE MC	Y 24 15/11/91 \$87,318	SAKELL 92-NA-096	

REPORT DATE 01/02/92

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DIRECTORATE OF AEROSPACE SCIENCES

TITLE
TITLE (CONT.)
INSTITUTION

INVESTIGATOR
INCORPORATING RADIAL MIXING IN AXISYMMETRIC THROUGH-FLOW ANALYSIS
FOR PREDICTING PERFORMANCE OF AXIAL-FLOW COMPRESSORS
IOWA STATE UNIV OF SCIENCE AND TECH
KAVANAGH

(AASERT) LOCALIZATION & FRACTURE IN NANOSTRUCTURAL MATERIALS

ELIAS

AFANATIS

TYPE/MONTHS
RECEIVED
ACOUNT

PROGRAM MANAGER
PROPOSAL #

INITIATE
START DATE
TOT AMT

N 12
17/12/91
\$29,950

FANT
92-NA-126

N 36
12/11/91
\$89,054

JONES
92-IA-051

N 24
23/10/91
\$32,933

FANT
92-NA-018

N 24
31/10/91
\$199,270

FANT
92-NA-044

N 24
31/10/91
\$197,721

SAKELL
92-NA-097

N 24
23/10/91
\$125,723

LEWIS
92-NA-026

N 36
27/12/91
\$324,310

WU 92-NA-137

N 10
16/12/91
\$100,000

SAKELL
92-NA-124

N 48
34/10/91
\$454,635

SAKELL
92-NA-002

N 10
16/12/91
\$100,000

SAKELL
16/12/91
\$100,000

N 10
34/10/91
\$454,635

SAKELL
01/02/92
\$454,635

N 48
34/10/91
\$5,010

SAKELL
01/02/92
\$454,635

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TITLE	INVESTIGATOR	TYPE/MONTHS	STATUS	PROGRAM MANAGER	INITIATE START DATE	TOT AMT
INSTITUTION	AMOUNT	RECEIVED	PROPOSAL #			
(AASERT) STUDENT TRAINING PROGRAM IN ADVANCED DIAGNOSTICS FOR HIGH-SPEED FLUID MECHANICS	RICHARD MILES	N 24	SAKELL			
PRINCETON UNIVERSITY	RICHARD MILES	29/10/91 \$457,335				
(AASERT) LARGE-EDDY SIMULATION IN COMPRESSIBLE TURBULENCE	STEVEN JORSZAG	N 36	TISHKOFF			
PRINCETON UNIVERSITY	STEVEN JORSZAG	13/11/91 \$120,379				
(AASERT) DROPLET COLLISION IN SPRAY COMBUSTION	LAW CHUNG	N 36	SIRKAN			
PRINCETON UNIVERSITY	LAW CHUNG	13/11/91 \$153,000				
(AASERT) NOVEL DIAGNOSTICS FOR STUDY OF MIXING & CHEMICAL REACTIONS IN TURBULENT LIQUID PHASE FLOWS	KJOCHESEHANI	N 24	MCMICHAEL			
MICHIGAN STATE UNIVERSITY	KJOCHESEHANI	31/10/91 \$133,508				
(AASERT) SUPPLEMENT RESEARCH RELATED TO JET IMPINGEMENT COOLING	MITSURU KUROSAKA	N 36	FANT			
UNIV OF WASHINGTON	MITSURU KUROSAKA	28/10/91 \$135,344				
(AASERT) SUSPENZ - A USEZ STUDENT Z-22 PROCESSING AND CHARACTERIZATION OF CRATED C/C COMPOSITE	TAYA MINDRU	N 36	JONES			
UNIV OF WASHINGTON	TAYA MINDRU	12/11/91 \$98,528				
(AASERT) A GENERALIZED INVERSE DESIGN TECHNIQUE FOR SUPERSONIC & HYPERSONIC VEHICLES	ROBERT WALTERS	N 24	SAKELL			
VIRGINIA POLYTECHNIC INST	ROBERT WALTERS	28/10/91 \$216,643				
(AASERT) NONLINEAR AERELASTICITY OF COMPOSITE WINGS	ALI NAYFEH	N 36				
VIRGINIA POLYTECHNIC INST	ALI NAYFEH	28/10/91 \$15,690				
(AASERT) THE FEASIBILITY OF FLYING "GREEN" A DYNAMIC STRUT	DETROIT	N 24	FANT			
VIRGINIA POLYTECHNIC INST	DETROIT	21/10/91 \$149,794				
		92-NA-041	92-NA-075			
		92-NA-057				
		92-NA-034				
		92-NA-051				
		92-NA-031				

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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED ACOUNT	STATUS PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT
(AASERT) FATIGUE BEHAVIOR OF PIEZOELECTRIC ACTUATORS VIRGINIA POLYTECHNIC INST & STATE UNIV CLEVELAND STATE UNIV & COLL OF ENGINEERING	ROGERS CRAIG	Y 24 SAKELL 92-NA-054	Y 24 SAKELL 92-NA-119	
MICROSCOPIC STRESS FIELD MEASUREMENT WITH THE SCANNING ELECTRON MICROSCOPE UNIV OF NEW MEXICO	MCNEIL JOHN	Y 36 93/10/91 \$468,340	Y 36 WU 92-NA-006	
(AASERT) DYNAMIC FRACTURE OF CERAMICS UNIV OF NEW MEXICO	WING WING	Y 24 13/11/91 \$77,546	Y 24 WU 92-NA-067	
(AASERT) BIFURCATIONS OF DAMAGING MATERIALS UNIV OF NEW MEXICO	SCHOFERER HOWARD	Y 24 09/12/91 \$61,678	Y 24 WU 92-NA-120	
(AASERT) MODELING AND CONTROL OF INTELLIGENT FLEXIBLE STRUCTURES STATE UNIVERSITY OF NEW YORK HIGH TECHNOLOGY CORP	INMAN DANIEL	Y 24 21/10/91 \$171,975	Y 24 WU 92-NA-014	
COMPRESSIBLE BOUNDARY LAYER TRANSITION IN SWEEP-WING FLOWS USING PSE	WALIK MUJEEB	Y 48 29/10/91 \$336,937	Y 48 SAKELL 92-NA-017	
(AASERT) MECHANICAL BEHAVIOR OF MOLLUSK SHELLS CASE WESTERN RESERVE UNIVERSITY	BALLARINI ROBERTO	Y 36 12/11/91 \$130,735	Y 36 JONES 92-NA-063	
(AASERT) KINETICS AND MOLECULAR ENERGY TRANSFER STUDIES IN PROPELLANT MIXTURES CONTAINING AMMONIA AND HYDROGEN CHICAGO STATE UNIVERSITY	VISHNU SUBRAMANIAM	Y 36 30/10/91 \$114,401	Y 36 BIRKAN 92-NA-038	

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TITLE

INSTITUTE

TYPE/MONTHS
RECEIVED
AMOUNT

PROGRAM
MANAGER
PROPOSAL #

INITIATE
START DATE
TOT AMT

INVESTIGATOR

DECENTRALIZED COMPUTING & DISTRIBUTED CONTROL AND MAPPING

OHIO STATE UNIVERSITY

UNIT

WU

92-NA-069

NONLINEAR DYNAMICS OF THICK CYLINDRICAL SHELLS

AIR FORCE INSTITUTE OF TECHNOLOGY

PALAZOTTO

UNIT

WU

92-NA-009

ASSERT) NONCHEMICAL SPACE PROPULSION RESEARCH SUBJECTS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

WASTAGS

DANIEL

MARTINEZ

WU

92-NA-039

ASSERT) ADVANCED ELECTRIC PROPULSION STUDIES

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SANCHEZ

WU

92-NA-059

ASSERT) ELECTRO-ELASTIC STRUCTURAL SPECIALITY IN AUDITORY

RECEPTOR CELLS

STANFORD UNIVERSITY

STEELE

CHARLES

WU

92-NA-008

ASSERT) PARTICLE SIMULATION METHODS IN A REGION OF HIGH DENSITY

AND FLOW

STANFORD UNIVERSITY

BOWMAN

CHARLES

WU

92-NA-021

ASSERT) GRADUATE STUDENT SUPPORT IN SUBJECTIVE DIAGNOSTICS

AND FLOW

STANFORD UNIVERSITY

BOWMAN

CHARLES

WU

92-NA-028

ASSERT) SUPPORT FOR GRADUATE RESEARCH TRAINING IN ADVANCED

DIAGNOSTICS TECHNIQUES

STANFORD UNIVERSITY

HANSON

CHARLES

WU

92-NA-037

ASSERT) ACHIEVING EXPERIMENTAL SCIENTIFIC UNDERSTANDING OF

NEURAL NETWORKS

STANFORD UNIVERSITY

ROBERT

CHARLES

WU

92-NA-073

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TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT
CAASEPT) TRANSITION IN HYPERSONIC BOUNDARY LAYERS STANFORD UNIVERSITY	FERZIGER JUL	N 24 15/11/91 \$235,390	SAKELL 92-NA-095	
MICROSENSORS FOR TURBULENT FLOW DIAGNOSTICS CALIFORNIA INSTITUTE OF TECHNOLOGY	TAI YU-CHONG	N 24 21/11/91 \$281,046	MCMICHAEL 92-NA-110	
CAASERT) STABILITY AND TRANSITION IN HYPERSONIC BOUNDARY-LAYER FLOWS ARIZONA STATE UNIVERSITY	REED HELENE	N 26 23/10/91 \$202,544	SAKELL 92-NA-022	
CAASERT) ORIGINS OF IMPERFECTIONS IN COMPOSITE MATERIALS JOHNS HOPKINS UNIVERSITY	CHIMENTI KOURIS	N 24 31/10/91 \$130,513	WU 92-NA-047	
CAASERT) EXPERIMENTAL ANALYSIS OF METAL MATRIX COMPOSITES ARIZONA STATE UNIVERSITY	DEWITIS HELT	N 26 12/11/91 \$177,327	JONES 92-NA-058	
STABILITY AND TRANSITION OF HYPERSONIC BOUNDARY-LAYER FLOWS INCLUDING NON-EQUILIBRIUM CHEMISTRY ARIZONA STATE UNIVERSITY	REED	N 26 02/12/91 \$113,942	MCMICHAEL 92-NA-117	
CAASERT) TURBULENCE MODELING CORNELL UNIVERSITY	LUMLEY JOHN	N 24 20/11/91 \$124,191	MCMICHAEL 92-NA-106	
CEPSCOR) FLUID MECHANICS AND HEAT TRANSFER IN THE TRANSITIONAL BOUNDARY LAYERS CLEMSON UNIVERSITY	WANG TING	N 24 29/11/91 \$163,532	FANT 92-NA-116	
GENERALIZED LINEAR ELASTIC FRACTURE MECHANICS FOR ADVANCED MATERIALS CLEMSON UNIVERSITY	GOREE JAMES	N 36 27/12/91 \$115,323	JONES 92-NA-135	

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INVESTIGATOR	PROGRAM MANAGER	START DATE
INSTITUTION	PROPOSAL #	TOT AMT
NEW POLYMERIC MATERIALS CONTAINING HIGH DENSITY MULTICARBOYLIC ACIDIC GROUPS	LEE	36
ILLINOIS INSTITUTE OF TECHNOLOGY	DAJA	\$557,052
PHOTOLYTIC COATINGS ON METAL SURFACES WITH POLY(1,3-POLY(1,3-PHENYLENE ALUMINIDE ALLOYS)	ERSTFIELD	12
NORTHWESTERN UNIVERSITY	SPIC	\$35,452
SECOND GENERATION ORGANOMETALLIC POLYMERISERS FOR CVD OF GROUP IV ALUMINIDE ALLOYS	HEDDERG	12
NORTHEASTERN UNIVERSITY	KIRSS	\$46,397
STRUCTURE OF GERMANIUM SURFACES WITH GOLD	REIN	
NORTHWESTERN UNIVERSITY	MARKS	
SYNTHESIS AND CHARACTERIZATION OF DEVICE-COMPATIBLE POLYMERS WITH LARGE OPTICAL NONLINEARITIES	LAUDE	
NORTHWESTERN UNIVERSITY	MARKS	
CREEP BEHAVIOR OF ORIENTED REFRactory METAL COMPOSITES	TSEY	35
WRIGHT STATE UNIVERSITY	WEIGS	\$250,354
ADVANCED MATERIALS COMPOSITIONS	EDSAC	36
UNITED TECHNOLOGIES RESEARCH CENTER	GIAMEI	
SCONDING-STRUCTURE-PROPERTY RELATIONSHIPS IN TRANSITION-METAL ALUMINIDES	A.	
COLORADO SCHOOL OF MINES	EBERHART	
THEORETICAL STUDIES OF SILICON AND RELATED ELEMENTS. POTENTIAL ENERGY SURFACES AND CYANIDES OF HIGH ENERGY DENSITY MOLECULES	MARK	24
IDAHO STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY		13/11/91
ALUMINUM		\$452,157
COLORADO SCHOOL OF MINES	MARK	92-NC-082
SCONDING-STRUCTURE-PROPERTY RELATIONSHIPS IN TRANSITION-METAL ALUMINIDES	ROSENSTEIN	12
COLORADO SCHOOL OF MINES	MARK	92-NC-003
THEORETICAL STUDIES OF SILICON AND RELATED ELEMENTS. POTENTIAL ENERGY SURFACES AND CYANIDES OF HIGH ENERGY DENSITY MOLECULES	BURGGRAAF	24
IDAHO STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY		92-NC-082

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TITLE TITLE (CONT'D) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED ACCOUNT	STATUS PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT
MATERIALS RESEARCH CENTER FELLOWSHIPS				
UNIV OF PITTSBURGH	PETTER	FRED	Y 36 24/11/91 \$204,480	ROSENSTEIN 92-NC-074
NOVEL MATERIALS AND DEVICES FROM SELF ASSEMBLING STRUCTURES				
UNIV OF PITTSBURGH	ASHER	SANFORD	Y 36 24/11/91 \$215,380	ERSTFIELD 92-NC-076
FLUORINATED POLYAZANES - THERMOCHEMICAL STABLE FLUIDS/USEFUL HIGH ENERGY COMPOUNDS UNIVERSITY OF IDAHO	SHREVE	JEANINE	Y 12 29/10/91 \$55,494	HEDEBERG 92-NC-039
NEW FLUORALKYL AND FLUORARYL POLYMERS AND MONOMERS AS STABLE FLUIDS/FLUID PRECURSORS	SHREVE	JEANINE	Y 36 26/12/91 \$177,918	HEDEBERG 92-NC-104
CORRELATION OF SCANNING TUNNELING MICROSCOPY IMAGES WITH AUGER ELECTRON ANGULAR DISTRIBUTIONS UNIV OF CINCINNATI	HUBBARD	ARTHUS	Y 36 26/12/91 \$757,974	ERSTFIELD 92-NC-122
HALOGEN AZIDE VISIBLE CHEMICAL LASERS				
ROCKWELL INTERNATIONAL, SCIENCE CENTER	BERNARD	JO.	Y 24 23/12/91 \$430,151	BERMAN 92-NC-133
CRAY 2 CALCULATIONS FOR OPTIMAL CONTROL OF MOLECULAR MOTION				
PRINCETON UNIVERSITY	PABITZ	HERSCHEL	Y 12 26/11/91 \$2,000	BURGRAF 92-NC-097
PROJECTS IN THEORETICAL CHEMISTRY FOR LASER STUDENTS				
OKLAHOMA STATE UNIVERSITY	DAFF	LIONEL	Y 12 07/10/91 \$32,485	BURGRAF 92-NC-004
THEORETICAL CHEMICAL DYNAMICS STUDIES OF HIGH ENERGY DENSITY MATERIALS	THOMASD	DONALD	Y 12 24/10/91 \$45,236	BURGRAF 92-NC-028

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DEPARTMENT OF CHEMICAL AND ATOMIC-RIC SCIENCES

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TITLE	INSTITUTION	TYPE/MONTHS RECEIVED	STATUS	INITIATE
TITLE (CONT.)	INSTITUTION	INVESTIGATOR	PROGRAM MANAGER	START DATE
TITLE	INSTITUTION	PROPOSAL #	PROPOSAL #	TOT AMT
THIN POLYMER FILMS FOR SECULAR DODER NONLINEAR OPTICS	OKLAHOMA STATE UNIVERSITY	WADDEEN	14/11/91 \$201,246	LEE 92-NC-103
3TH INTERNATIONAL INSTITUTE CONFERENCE	INTERNATIONAL INSTITUTE CONFERENCE	THADDEUS J. JR.	14/11/91 \$5,000	C HEDEBERG 92-IC-095
ATOMICALLY RESOLVED SURFACE REACTOR STUDIES	UNIV OF WASHINGTON	ENGEL	23/10/91 \$27,473	SURGGRAF 92-NC-030
SYNTHESIS OF POTENTIAL HIGH-ENERGY FUELS AND MATERIALS USING HOT-PLATE REACTIONS	UNIV OF PENNSYLVANIA	CAILLEY	15/10/91 \$171,351	GERMAN 92-NC-009
ENHANCED NONLINEAR OPTICAL PROCESSES	UNIV OF PENNSYLVANIA	JARITZ	11/12/91 \$279,850	LEE 92-NC-116
JAPAN-U.S. CONFERENCE IN CONCRETE MATERIALS	UNIVERSITY OF PENNSYLVANIA	ANTHONY	11/12/91 \$10,000	SURGGRAF 92-NC-005
VIRGINIA POLYTECHNIC INST & STATE INV	VIRGINIA POLYTECHNIC INST & STATE INV	REFINER	07/10/91 \$10,000	SURGGRAF 92-NC-005
SPECTROSCOPIC INVESTIGATION OF THE PROPERTIES OF THE COMPACT AND DIFFUSE ELECTROCHEMICAL DOUBLE LAYER	VIRGINIA POLYTECHNIC INST & STATE UNIV	ANDERSON	16/12/91 \$222,313	WILKES 92-NC-120
STRUCTURE AND MECHANICAL RELIABILITY OF STRUCTURAL CERAMICS	CARNEGIE-MELLON UNIVERSITY	READEY	31/10/91 \$99,327	SURGGRAF 92-NC-046
NONLINEAR OPTICAL PROPERTIES OF LIQUIDCATION POLYMERS	CARNEGIE-MELLON UNIVERSITY	SERRY	01/11/91 \$142,251	LEE 92-NC-058

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TITLE (CCIT)	INVESTIGATOR	TYPE/UGHTS	RECEIVED	STATUS	PROGRAM MANAGER	INITIATE	START DATE	FOR AMT
INSTITUTIONAL SCL-DEL DERIVED COMPOSITES	WILLIAMS KUNTA	PROPOSAL	Y 12 14/11/91 \$23,000	RECD	PROPOSAL #			
CARNEGIE-MELLON UNIVERSITY	BLAUM	PROPOSAL	Y 12 14/11/91 \$23,000	RECD	PROPOSAL #			
CELESTATION MECHANISMS AND THERMODYNAMIC INTERACTIONS IN 22 ALUMINIDES	SCULLOCK	TESSA	Y 12 11/12/91 \$23,000	RECD	PROPOSAL #			
ENVIRONMENTALLY STABLE AND STABLE CONDUCTIVE POLYMERS	JURSIC	GRANT	Y 12 12/11/91 \$577,487	RECD	PROPOSAL #			
UNIV OF NEW ORLEANS	WEISEP	MARTIN	Y 12 27/10/91 \$54,512	RECD	PROPOSAL #			
ASSET AUGMENTATION TO PROCESSLESS SYNTHESIS OF CERAMIC COMPOSITES		PRASAD	Y 12 27/10/91 \$153,136	RECD	PROPOSAL #			
UNIV OF NEW MEXICO		PARAS	Y 12 24/11/91 \$47,533	RECD	PROPOSAL #			
PHOTONICS AND NONLINEAR OPTICS WITH MOLECULAR AND POLYMERIC MATERIALS	MARINA	CAROLYNE	Y 12 21/12/91 \$4,375	RECD	PROPOSAL #			
STATE UNIVERSITY OF NEW YORK		HAIR	Y 12 15/11/91 \$45,000	RECD	PROPOSAL #			
QUANTUM TRANSPORT IN NANOSCOPIC (SUBMICRON) SEMICONDUCTOR STRUCTURES		MICHAEL	Y 12 15/11/91 \$4,375	RECD	PROPOSAL #			
FLORIDA INTERNATIONAL UNIVERSITY		DAVIS	Y 12 17/12/91 \$45,000	RECD	PROPOSAL #			
1992 GORDON RESEARCH CONFERENCE IN CHEMISTRY AT INTERFACES		ROZELL	Y 12 17/12/91 \$45,000	RECD	PROPOSAL #			
1992 GORDON RESEARCH CONFERENCE IN CATALYSIS		DAVIS	Y 12 17/12/91 \$45,000	RECD	PROPOSAL #			
GORDON RESEARCH CONFERENCES INC		WILKES	Y 12 17/12/91 \$5,000	RECD	PROPOSAL #			
1992 GORDON RESEARCH CONFERENCE IN PHYSICAL ELECTROCHEMISTRY		AGUINA	Y 12 17/12/91 \$5,000	RECD	PROPOSAL #			
GORDON RESEARCH CONFERENCES INC		AGUINA	Y 12 17/12/91 \$5,000	RECD	PROPOSAL #			

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ACR PRICE: J-22-2 SCIENTIFIC RESEARCH
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TITLE (CONT.)	INSTITUTION	TYPE/MONTHS RECEIVED	STATUS	PROGRAM MANAGER	INITIATE DATE	START DATE	TOT AMT
DUCTILE NANOCRYSTALLINE METAL AND VERY HIGH STRENGTH MONOCRYSTALIC AND CONDUCTIVE MATERIALS	CASE WESTERN RESERVE UNIVERSITY WELSCHE	Y 36 27/11/91 \$350,594	ROSENSTEIN	0	12/12/91	92-NC-031	
NEW PHENOLIC RESINS FOR SUPERIOR CARBON/CARBON COMPOSITES: SYNTHESIS, CHARACTERIZATION, PROCESSING AND HIGH TEMPERATURE STABILITY	CASE WESTERN RESERVE UNIVERSITY SHIFRA	Y 36 17/12/91 \$270,263	ERSTFELD	0	12/12/91	92-NC-126	
STRUCTURE/REACTIVITY RELATIONSHIPS IN ELECTROCHEMICAL CAVITIES	OHIO STATE UNIVERSITY ACCESOY	Y 12 22/10/91 \$55,562	WILKES	0	12/10/91	92-NC-025	
CHARACTERIZATION OF FATIGUE DAMAGE IN METAL MATRIX COMPOSITES AT ELEVATED TEMPERATURES	AFRL FORCE INSTITUTE FOR TECHNOLOGY MALL	Y 12 29/11/91 \$24,000	ROSENSTEIN	0	12/11/91	92-NC-093	
ROTATIONAL ENERGY TRANSFER IN STRONGLY COUPLED SYSTEMS: ROTATIONAL ENERGY TRANSFER IN MOLECULAR ENGINEERING	AIR FORCE INSTITUTE OF TECHNOLOGY PEREAN	Y 12 23/11/91 \$25,000	EEQMAN	0	12/11/91	92-NC-099	
THEORY AND EXPERIMENT IN CHEMICAL INTEGRALITY	STANFORD UNIVERSITY ROSS	Y 12 21/10/91 \$60,152	EDWAN	0	12/10/91	92-NC-052	
PHOTOCHEMICAL AND PHOTOPHYSICAL INVESTIGATIONS OF INTERFACES OF NOVEL MATERIALS	COLUMBIA UNIVERSITY TURRO	Y 12 31/10/91 \$43,569	HEDBERG	0	12/10/91	92-NC-055	
STATE-TO-STATE CYCLICS OF NANO-MOLECULE REACTIONS	STANFORD UNIVERSITY ZARE	Y 12 24/11/91 \$110,736	EEQMAN	0	12/11/91	92-NC-073	
APPLICATION OF PATTERN RECOGNITION TECHNIQUES TO PROBLEMS IN ADVANCED POLLUTION MONITORING	CLARKSON UNIVERSITY LAVINE	Y 36 29/12/91 \$79,193	HEDBERG	0	12/12/91	92-NC-108	

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TITLE (CONT.)	INSTITUTION	TYPE/INITIALS	STATUS	PROGRAM MANAGED	INITIATE	START DATE	TOT AMT
NEW THEORETICAL METHODS FOR 2-DIM THEORETICAL	UNIVERSITY OF CONNECTICUT	RECEIVED 12/10/91	PROPOSAL #	92-NC-113			
WEISLEYAN UNIVERSITY	UNIVERSITY OF CONNECTICUT	RECEIVED 12/10/91	PROPOSAL #	92-NC-114			
BIOINHETIC SYNTHESIS OF POLYMERIZED POLY(2-ALKYL-1,3-DIENE) BASED ON POLY(2-ALKYL-1,3-DIENE)	UNIV OF CONNECTICUT	RECEIVED 12/10/91	PROPOSAL #	92-NC-115			
LOWING CATALYSTS FOR CYCLOCOXIENE POLYMERIZATION	CALIFORNIA INSTITUTE OF TECHNOLOGY	RECEIVED 12/10/91	PROPOSAL #	92-NC-013			
MATERIALS FOR SECOND-ORDER HIGH-NEAR OPTICAL	CALIFORNIA INSTITUTE OF TECHNOLOGY	RECEIVED 12/10/91	PROPOSAL #	92-NC-041			
ION RADIATIONAL DISTORTIONS IN MULTICOMPONENT POLYMERIZATION	CALIFORNIA INSTITUTE OF TECHNOLOGY	RECEIVED 12/10/91	PROPOSAL #	92-NC-042			
CRAY 2 CALCULATIONS IN POLY PROPYLENES	CALIFORNIA INSTITUTE OF TECHNOLOGY	RECEIVED 12/11/91	PROPOSAL #	92-NC-113			
SECOND-ORDER LASERS TRADING ON THE FIRST STEPS IN CHEMICAL DYNAMICS	CALIFORNIA INSTITUTE OF TECHNOLOGY	RECEIVED 12/11/91	PROPOSAL #	92-NC-076			
CRAY 2 CALCULATIONS ON THE FIRST STEPS IN CHEMICAL DYNAMICS	JOHNS HOPKINS UNIVERSITY	RECEIVED 12/11/91	PROPOSAL #	92-NC-075			
ELICTRIC CONDUCTION AND CURRENT SENSING IN POLY(2-ALKYL-1,3-DIENE) MATERIALS AT VERY HIGH	INDIANA UNIVERSITY	RECEIVED 12/10/91	PROPOSAL #	92-NC-007			
ELICTRIC SENSORS AND CURRENT SENSING IN POLY(2-ALKYL-1,3-DIENE)	INDIANA UNIVERSITY	RECEIVED 12/10/91	PROPOSAL #	92-NC-006			

REPORT DATE 01/02/92

PROPOSAL STATUS REPORT (1 OCT 91 - 31 DEC 91)
120 FEDERAL BUREAU OF SPECIAL INVESTIGATION
DIRECTORATE OF CHEMICAL AND ATMOSPHERIC SCIENCES

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TITLE (CONT.)
INSTITUTION

STUDIES OF SURFACE REACTIVITY - THE EAR ON THE ATOMIC SCALE IN
SOLID-STATE CERAMICS
HARVARD UNIVERSITY

MOLECULAR DYNAMICS STRUCTURES BY X-RAY RADARATION

CORNELL UNIVERSITY

STUDENT SUPPORT FOR RESEARCH IN POLYMER COMPOSITIONS & POLYMER
ELECTRONIC PACKAGING
CORNELL UNIVERSITY

AB-INITIO MODELING AND FUNDAMENTAL MEASUREMENTS OF ELECTRONS AT
METAL-CERAMIC INTERFACES BY THE ATOMIC FORCE MICROSCOPE
CORNELL UNIVERSITY

MICROELECTRONIC INTEGRATION OF POLYMERS USED IN ELECTRONICS
HARVARD UNIVERSITY

TITLE (CONT.) INSTITUTION	STUDIES OF SURFACE REACTIVITY - THE EAR ON THE ATOMIC SCALE IN SOLID-STATE CERAMICS HARVARD UNIVERSITY	MOLECULAR DYNAMICS STRUCTURES BY X-RAY RADARATION CORNELL UNIVERSITY	STUDENT SUPPORT FOR RESEARCH IN POLYMER COMPOSITIONS & POLYMER ELECTRONIC PACKAGING CORNELL UNIVERSITY	AB-INITIO MODELING AND FUNDAMENTAL MEASUREMENTS OF ELECTRONS AT METAL-CERAMIC INTERFACES BY THE ATOMIC FORCE MICROSCOPE CORNELL UNIVERSITY	MICROELECTRONIC INTEGRATION OF POLYMERS USED IN ELECTRONICS HARVARD UNIVERSITY
INVESTIGATOR	CHARLES LIEBER	PAUL JUNGEN	CHARLES STROHMER	RONALD SAWYER	RONALD MITCHELL
TYPE/AMOUNTS RECEIVED AMOUNT	Y 12 17/10/91 \$32,317	Y 12 17/10/91 \$32,317	Y 12 31/10/91 \$23,294	Y 12 31/10/91 \$242,445	Y 12 31/10/91 \$123,158
PROGRAM MANAGER & PROPOSAL #	EURSGRAF 92-NC-011	EURSGRAF 92-NC-054	EURSGRAF 92-NC-054	MEDEBES 92-NC-051	MEDEBES 92-NC-080
INITIATE START DATE TOT AMT					

TITLE	INSTITUTION	INVESTIGATOR	TYPE/INITIALS	RECEIVED AMOUNT	PROGRAM MANAGER	PROPOSAL #	STATUS	INITIATE	START DATE
								TOT AMT	
COHERENT PROCESSES IN ONE- AND TWO-ELECTRON SYSTEMS IN STRONG RADIATION FIELDS	UNIV OF MARYLAND	MCILRATH	Y	12 \$3/10/91 \$102,600	A		KELLEY	\$102,600	01/02/92
CAASERT) BAGOT AVAHLANCE INVESTIGATION IN THE MECAS	UNIV OF MICHIGAN	PAUL	Y	26 \$3/10/91 \$263,650			KELLEY	\$102,600	01/02/92
ULTRA COLD COLLISION DYNAMICS IN ATOMIC BEAMS	UNIV OF MARYLAND	NEHER	Y	26 \$3/10/91 \$403,556			KELLEY	\$102,600	01/02/92
CAASERT) INSTABILITIES, HOLE BURNING, AND CAVITY ENHANCEMENT EFFECTS IN SURFACE-EMITTING LASERS	UNIV OF ARIZONA	SIBBES	Y	35 \$3/10/91 \$313,559			SCHLOSSBER	\$102,600	01/02/92
CAASERT) INVESTIGATION OF INDUCED REACTIONS ON PERFORMANCE OF OPTICAL SYSTEM	UNIV OF ARIZONA	SHAMON	Y	27 \$3/10/91 \$123,127			SCHLOSSBER	\$102,600	01/02/92
CAASERT) STUDIES OF COHERENT PROCESSES IN ATOMS IN STRONG RADIATION FIELDS	UNIV OF MARYLAND	MCILRATH	Y	36 \$3/10/91 \$126,400			KELLEY	\$102,600	01/02/92
CAASERT) REQUEST FOR ADDITIONAL GRADUATE STUDENT SUPPORT FOR STUDIES OF PLASMA LOADED BACKWARD WAVE OSCILLATORS	UNIV OF MARYLAND	SPANSTEIN	Y	36 \$3/10/91 \$221,943			MARKER	\$102,600	01/02/92
CAASERT) ANGULAR STUDIES OF HALO-CHARGE-EXCHANGES	UNIV OF MARYLAND	WENDELL	Y	36 \$3/10/91 \$243,736			KELLEY	\$102,600	01/02/92
CAASERT) GENERATION OF COHERENT AND INCOHERENT X-RAYS FROM INTENSE SUBPICOSECOND LASER INTERACTION WITH GASES AND SOLIDS	UNIV OF MARYLAND	MILCHBERG	Y	36 \$3/10/91 \$121,079			SCHLOSSBER	\$102,600	01/02/92
		HOWARD							

TITLE TITLE (CONT.) INSTITUTE	INVESTIGATE	TYPE/NOTHES	STATUS
GRADUATE STUDENT RESEARCH IN MICROSTRUCTURE OSCILLATORS UNIV 3= MICHIGAN	STELLENBACH	RECEIVED AMOUNT	PROGRAM MANAGED PROPOSAL #
(AASERT) PERIOD: 7/28/91- GRADUATE STUDENT SUPPORT 3/22 EXPERIMENTAL AND THEORETICAL STUDIES IN F-PLASMA INTERACTIONS UNIV 3= MARYLAND	ESTLE	" 25/10/91 105,251	INITIATE START DATE TOT AMT BARKER 92-NE-032
(AASERT) GRADUATE AND UNDERGRADUATE RESEARCH IN BASIC PLASMA WAVES UNIV OF WISCONSIN	SCHAEFER	" 25/10/91 124,534	BARKER 92-NE-033
(AASERT) MODEL IN SETU PREPARED YES STRUCTURES BASED ON COMPOUN AND ELEMENTAL SUBJECTS UNIV OF ILLINOIS	WITKOWSKI	" 23/10/91 159,425	" BARKER 92-NE-034
(AASERT) HIGH SPEED HETEROSTRUCTURE TRANSISTORS UNIV 3= ILLINOIS	WORKE	" 23/10/91 101,752	" WITT 92-NE-035
(AASERT) STUDY OF ULTRAMODERN SEMICONDUCTOR DEVICES FOR OPTOELECTRONICS UNIV 2= COLORADO	FUERSTENAU	" 23/10/91 124,324	" WITT 92-NE-041
(AASERT) TEMPORAL OPTICAL SOLITONS IN SEMICONDUCTOR WAVEGUIDES USING PENTSECUND LASER PULSES UNIV 2= ARIZONA	DEYCHAMARIAN	" 20/10/91 144,035	OCMRENKE 92-NE-046
(AASERT) STUDENT TRAINING IN XUV LASER FISHERY RICE UNIVERSITY	YOUNG	" 30/10/91 103,536	SCHLOSSBER 92-NE-053
(AASERT) STRUCTURAL CHARACTERIZATION IN SOCIAL-SEGREGATED ALLEYS UNIV OF MICHIGAN	PALLAS	" 31/10/91 171,752	" WITT 92-NE-057

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 AIR FORCE SPACE AND SCIENTIFIC RESEARCH
 JFE-CR-91-2 ELECTRONIC AND MATERIAL SCIENCES

TITLE TITLE (CONT'D) INSTITUTE	INVESTIGATOR	TYPE/MENTHIS		STATUS RECEIVED AMOUNT	PROGRAM MANAGED PROPOSAL #	INITIATE START DATE	TOT AMT
		Y	N				
(AASSERT) LOW JOSEPHSON JUNCTIONS AND SINGLE ELECTRONIC AND MATERIAL SCIENCES	SYKES	Y	N	31/10/91 \$240,327	WEINSTOCK	92-NE-063	
(AASSERT) HIGH TC SUPERCONDUCTIVE ELECTRONIC DEVICES	SYKES	Y	N	31/10/91 \$172,670	WEINSTOCK	92-NE-060	
UNIV OF WISCONSIN	WOPMAN	Y	N	31/10/91 \$145,400	SCHLOSSBER	92-NE-061	
(AASSERT) OPTICAL FIBER FABRIC SCIENT WAVE SPECTROSCOPY	WOPMAN	Y	N	31/10/91 \$145,400	SCHLOSSBER	92-NE-062	
BROWN UNIVERSITY	THOMAS	Y	N	31/11/91 \$11-5,642	BARKER	92-NE-055	
(AASSERT) FILTER AND WAVEGUIDE VISIBLE WAVECONVERSION LASERS	EDEN	Y	N	31/11/91 \$105,281	BARKER	92-NE-055	
UNIV OF ILLINOIS	GILSENBACH	Y	N	31/11/91 \$38,400	POMRENKE	92-NE-058	
(AASSERT) LASER ASSISTED GROWTH ON SILICON STRUCTURES	KHANG	Y	N	31/11/91 \$70,590	POMRENKE	92-NE-071	
UNIV OF TEXAS	HALPERN	Y	N	31/11/91 \$125,932	CRAIG	92-NE-072	
(AASSERT) LASER ASSISTED GROWTH ON NITRIDE MATERIALS	JOSHUA	Y	N	31/11/91 \$123,465	CRAIG	92-NE-078	
HOWARD UNIVERSITY	JASPER	Y	N	31/11/91 \$123,465	CRAIG	92-NE-078	
(AASSERT) IONIC POLYLAYER AND SWITCHING SERVICES FOR OPTICAL SYSTEMS APPLICATIONS	SINGH	Y	N	31/11/91 \$123,465	CRAIG	92-NE-078	
UNIV OF MICHIGAN	SWITZ	Y	N	31/11/91 \$123,465	CRAIG	92-NE-078	

REPORT DATE 01/02/90	PROPOSAL STATUS REPORT C 1	01 - 31 DEC 91)	PAGE 4
INSTITUTE/DEPT SCIENCE OFFICE, THE SCIENTIFIC RESEARCH DEPARTMENT OF ELECTRONIC AND MATERIAL SCIENCES	TYPE/MONTHS RECEIVED AMOUNT	PROGRAM MANAGER PROPOSAL #	PAGE 4
TITLE TITLE (CONT.)	INITIATE START DATE TOT AMT		
INSTITUTION			
CAASERT) RESEARCH IN HIGH-INTENSITY LASER PROCESSING INTERDISCIPLINARY PURDUE UNIVERSITY			
CAASERT) ACTIVE OPTICAL MATERIALS FOR SPECTRAL PROCESSING JHU/N OF MARYLAND	1/ 01/ 36 01/11/91 *129,234	CRAIG 92-NE-091	
CAASERT) EXPERIMENTAL STUDY OF MAGNETIC MULTILAYER FILMS UNIV OF MINNESOTA	1/ 01/ 36 14/11/91 \$97,500	WEINSTOCK 92-NE-089	
CAASERT) APPLICATIONS OF QUANTUM 1/E NOISE IN HIGH TECHNOLOGY DEVICES AND ULTRASTRUCTURES UNIV OF MISSOURI ROLLING MEADOWS	1/ 01/ 36 14/11/91 *164,460	WITT 92-NE-091	
CAASERT) EXPTAXY MULTILAYER FILMS UNIV OF MINNESOTA	1/ 01/ 36 04/11/91 \$203,790	DMRENKE 92-NE-093	
CAASERT) HIGH RESOLUTION OPTICAL PROCESS OF EXCITED ATOMS UNIV OF VIRGINIA	1/ 01/ 36 04/11/91 \$96,262	KELLEY 92-NE-095	
CAASERT) LOW-T- TRANSPORT-3D CARBON NANOTUBES AND THE STUDY OF HIGH-FIELD, HIGH-FREQUENCY TRANSPORT UNIV OF MICHIGAN	1/ 01/ 36 04/11/91 \$230,372	WITT 92-NE-098	
CAASERT) GRADUATE PROGRAM IN HIGH INTENSITY LASER SCIENCE UNIV OF ILLINOIS	1/ 01/ 36 04/11/91 \$132,197	SCHLOSSER 92-NE-099	
CAASERT) ULTRASTRUCTURAL ELECTRONICS UNIV OF ROCHESTER	1/ 01/ 36 04/11/91 \$129,000	WEINSTOCK 92-NE-102	

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REPORT DATE 11/22/92
 PROGRESS STATUS (see of C 1 OCT 31 DEC 31)
 AEROSPACE DEFENSE & SCIENTIFIC RESEARCH
 DIRECTORATE : ELECTRONIC AND MATERIAL SCIENCES

TITLE	INVESTIGATOR	TYPE/MONTHS EXECUTED INCH/FT	STATUS PROPOSAL #	INITIATE START DATE TOT AMT
CASEET) SILICON-GERMANIUM ALLOY FOR MODULATOR SERVICES UNIV OF DELAWARE	COLLADY JAMES	C4/11/91 \$145,352	PROGRESSIVE 92-NE-103	
CASEET) LAYER SIGNAL CHARACTERIZATION AND MODELING OF IMPASSED HETERJUNCTION SIPOLAR TRANSISTORS	HYAN JAMES	Y 36 25/11/91 3127,415	PROGRESSIVE 92-NE-107	
CASEET) PLANAR JETIC OSCILLATOR-MULTIPLEX	POPOVIC IZYAS	Y 36 25/11/91 \$149,115	WITT 92-NE-112	
LOG-APLIC INTERFACE CONNECTS FOR OPTICAL NEUTRAL NETWORKS	SHIBATA TAKAHIRO	Y 26 25/11/91 3123,339	CRAIG 92-NE-116	
WORKSHOP ON RECONFIGURABLE THREE-SPACE OPTICAL INTERFACE	WIEF JOHN	Y 26 25/11/91 \$6,500 26,500	CRAIG 92-NE-120	\$6,500 01/03/92
BASIC RESEARCH IN ELECTRONICS (JET)	POWERS EDWARD	Y 26 25/11/91 \$443,300	WITT 92-NE-125	\$460,059 01/04/92
WORKSHOP ON WIDE BANDGAP NITRIDES	MOSCOC HAROLD	Y 12 19/11/91 \$3,000	WITT 92-NE-126	\$3,000 01/03/92
EPSCOR INSTRUMENTAL DEVELOPMENTS FOR NMR IMAGING OF MATERIALS	KOMCOSKI RICHARD	Y 36 20/12/91 \$304,132	WEINSTOCK 92-NE-139	
STUDIES OF A COHERENT SYSTEMON SOURCE OPERATING AT THE SECOND AND THIRD HARMONIC OF THE ULTRADENTAL FREQUENCY	VICTOR GRAVATSTEIN	Y 12 04/12/91 \$45,000	MARKER 92-NE-144	\$45,000 15/03/92

REPORT DATE 11/02/92

PROPOSAL STATUS REPORT (1 OCT 91 - 31 DEC 91)
A22 ESDC DEFENSE SCIENCE AND TECHNOLOGY RESEARCH
DEPARTMENT OF DEFENSE AND MATERIAL SCIENCES

TITLE
TITLE (CONT.)
INSTITUTION

INVESTIGATOR

MICROWAVE INTERACTION WITH PLASMA
UNIV OF TENNESSEE

ALLEYNE

DEPARTMENT

1000

11/12/91

120,566

12-12

MARKER

92-NE-146

Y

WITT

12-12/91

3165,712

92-NE-153

Y

WITT

12-12/91

3165,712

92-NE-157

Y

WITT

12-12/91

3165,712

92-NE-159

Y

WITT

12-12/91

3165,712

92-NE-157

Y

WITT

12-12/91

3165,712

92-NE-159

Y

WITT

12-12

REPORT DATE 01/02/92

PROPOSAL STATUS REPORT C 1 DEC 91 - 31 DEC 91
ATT. SOURCE: OFFICE OF SCIENTIFIC RESEARCH
PROPOSAL #: ELECTRONIC AND MATERIAL SCIENCES

TITLE INSTITUTION	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROPOSAL #	INITIATE START DATE TOT Amt
211V=375GAC	N 36 24/12/91 5172,530	CRAIG	92-NE-173
(AASERT) SPECTROSCOPY IN SUPPORT OF MATERIAL SURFACES STRUCTURES UNIV OF ILLINOIS EDEN	N 36 24/12/91 5172,530	CRAIG	92-NE-173
PARALLEL FABRICATION AND ELECTRONIC CHARACTERIZATION OF MANUFACTURED AND ANNEALED STRUCTURED METAL SURFACES UNIV OF COLORADO DOUGLAS	N 36 24/12/91 5172,303	WEINSTECK	92-NE-174
(AASERT) STUDY OF ION-INDUCED INTERACTION FOR WAVE SCATTERING, ABSORPTION AND DIFFRACTION POLYTECHNIC UNIV. - WEEBER RESEARCH INST. KUJ	N 36 15/10/91 5170,192	BARKER	92-NE-012
ION CLUSTERS AND EXOTIC PLASMA STATES STEVEN'S INSTITUTE OF TECHNOLOGY TAPCI	N 36 22/12/91 5170,079	BARKER	92-NE-134
(AASERT) PHYSICS OF SELF-FIELD CONFINED PLASMAS STEVEN'S INSTITUTE OF TECHNOLOGY MARZI	N 36 22/12/91 5170,079	BARKER	92-NE-147
(AASERT) ELECTRONIC SIGNAL PROCESSING FOR RADAR SYSTEMS STEVEN'S INSTITUTE OF TECHNOLOGY ZHUCA	N 36 12/12/91 5165,540	CRAIG	92-NE-152
(AASERT) MODE CONTROL IN FREE ELECTRON SOURCES OF MICROWAVE AND MILLIMETER RADIATION UNIV OF SOUTHERN CALIFORNIA MCCURRY	N 36 17/10/91 5174,126	BARKER	92-NE-017
(AASERT) INVESTIGATION OF THE RELATION OF INTERJUNCTIONS IN AULTEAL QUANTUM WELL STRUCTURES USING CRYSTALLINE ORGANIC SEMICONDUCTORS UNIV OF SOUTHERN CALIFORNIA FORREST	N 36 29/10/91 5164,958	DMORENKE	92-NE-044
(AASERT) OPTICALLY CONTROLLED, SPATIALLY SPATIAL LIGHT MODULATORS UNIV OF SOUTHERN CALIFORNIA STEPHEN	N 36 30/10/91 5163,901	CRAIG	92-NE-055

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REPORT DATE 04/01/92

PROGRESS STATUS REPORT (1 OCT 91 - 31 DEC 91)
ACADEMIC SERVICE TO SCIENTIFIC RESEARCH
DIRECTORATE OF ELECTRONIC AND MATERIAL SCIENCES

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TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED ACOUNT	STATUS MANAGER	INITIATE START DATE TOT AMT
(AASERT) ARRAYS OF EFFICIENT STABILITY-ROBERT REGULATORS FOR OPTICAL PROCESSING UNIV OF CALIFORNIA	CRAIG CLARK	Y 10/ 15 \$14,161	CRAIG 92-NE-045	
(AASERT) HIGH POWER, HIGH EFFICIENCY WISSETS AND HESETS UNIV OF CALIFORNIA	UNESA	Y 10/ 16 \$143,024	WITT 92-NE-047	
(AASERT) IN-CHIP INTEGRATION OF YACCS AND CS UNIV OF CALIFORNIA	DYKES	Y 10/ 16 \$117,175	WEINSTOCK 92-NE-059	
(AASERT) A SMART OPTOELECTRONIC INTERCONNECTION NETWORK FOR DISTRIBUTED COMPUTING APPLICATIONS UNIV OF CALIFORNIA	ESSNER	Y 11/ 11 \$67,314	CRAIG 92-NE-059	
(AASERT) WAFER SCALE UNION UNIV OF CALIFORNIA	FETTERMAN	Y 11/ 11 \$255,739	SCHLOSSER 92-NE-076	
(AASERT) ULTRA SENSITIVE DETECTION CREATED BY DIAMOND ANVIL CELL PRESSURES UNIV OF CALIFORNIA	SCHULZ	Y 11/ 11/ 91 \$123,613	WEINSTOCK 92-NE-077	
(AASERT) VERTICALLY-ACCESSSED OPTOELECTRONIC INTEGRATED CIRCUIT DEVICE DEVELOPMENT AT 1.06 UM UNIV OF CALIFORNIA	ESSNER	Y 11/ 11/ 91 \$101,224	CRAIG 92-NE-079	
(AASERT) NOVEL HIGH PERFORMANCE GYROSCOPIC DEVICES: SCIENCE AND ENGINEERING RESEARCH TRAINING PROGRAM UNIV OF CALIFORNIA	LUHMANN, JR	Y 11/ 11/ 91 \$158,741	BARKER 92-NE-032	
(AASERT) HIGH HARMONIC CYROMAGNETRON AMPLIFIERS: SCIENCE AND ENGINEERING RESEARCH TRAINING PROGRAM UNIV OF CALIFORNIA	LUHMANN, JR	Y 11/ 11/ 91 \$173,994	BARKER 92-NE-033	

REPORT DATE 11/02/92

PROPOSAL STATUS REPORT (1 OCT 31 - 31 DEC 31)
FOR FEDERAL FUNDING RESEARCH
SPECTRUM IN ELECTRONIC AND MATERIAL SCIENCES

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TITLE TITLE (CONT.) INSTITUTION	TYPE/CONTENTS CHARGED TO	STATUS RECEIVED AMOUNT	PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT
CAASERT) HIGH CURRENT HEATING AT FREQUENCIES IN 20 AND 50 ELECTRON BEAMS UNIV OF CALIFORNIA	14741 ELC20374	Y 24/11/91 \$220,465	BARKER 92-NE-027	
CAASERT) SUPERCONDUCTIVITY IN LOW-TEMPERATURE SUPERCONDUCTORS UNIV OF CALIFORNIA	14742 E20374	Y 24/11/91 \$247,513	WITT 92-NE-105	
CAASERT) HIGH FREQUENCY DYNAMICS IN SURFACE EMISSION LASERS UNIV OF CALIFORNIA	14743 WANG	Y 24/11/91 \$243,176	CRAIG 92-NE-110	
CAASERT) HIGH FREQUENCY, ULTRASLOW DEVELOPMENT INFRARED CULTURES USING QUANTUM LOGIC UNIV OF CALIFORNIA	14744 E20375	Y 24/11/91 \$163,137	CRAIG 92-NE-111	
SMART SPATIAL LIGHT MODULATORS FOR IMAGE PROCESSING AND DEVELOPMENT UNIV OF CALIFORNIA	14745 LEE	Y 24/11/91 \$1,034,397	CRAIG 92-NE-115	
ELECTRON INTERACTIONS WITH FREE RADICALIC ATOMS UNIV OF CALIFORNIA	14746 NICKEL	Y 24/11/91 \$234,739	KELLEY 92-NE-136	
CAASERT) UNDERGRADUATE PROJECTS WITH A PHOTOASSISTED METALORGANIC MOLECULAR LASER POLARITY SYSTEM UNIV OF CALIFORNIA	14747 TU	Y 24/12/91 \$184,095	WITT 92-NE-168	
CAASERT) HIGH MARCHING AGRICULTURE SCIENCE AND ENGINEERING RESEARCH TRAINING PROGRAM UNIV OF CALIFORNIA	14748 LIMWATH, JR	Y 24/12/91 \$174,942	BARKER 92-NE-159	
CAASERT) HIGH LINEARITY MODULATION AND HIGH SPEED PHOTODETECTION USING QUICED HAVE DEVICES UNIV OF CALIFORNIA	14749 YU	N 23/12/91 \$119,107	CRAIG 92-NE-170	

REPORT DATE 11/22/81

APPROVAL STATUS REQUEST (INITIAL 71 - 21 SEC 71)
APPROVAL DATE 12/12/81
PROJECT CODE 10 ELECTRONIC AND MATERIAL SCIENCES

TITLE
FYSIK U12M

INVESTIGATION
MAGNETO-
UNIV OF CALIFORNIA, SAN DIEGO

(AASERT) HIGH TEMPERATURE POLYMER-
SANTA BARBARA INSTITUTE
STRUCTURE AND PROPERTIES

EFFECTS AND PROPERTIES IN SILICA

RENSSELAER POLYTECHNIC INSTITUTE

IMAGING AND COLLECTING OF INTRACELLULAR
ULTRASHARP SULFUR FOR ULTRASOUND
RENSSELAER POLYTECHNIC INSTITUTE

(AASERT) ELECTRONIC TRANSPORT IN
UNIV OF TORONTO

NUCLEAR AND PLASMA PHYSICS
UNIV TORONTO

(AASERT) ELECTRON PHYSICS IN
PENNSYLVANIA STATE UNIVERSITY

STRUCTURE AND STABILITY OF ATOMICALLY
SHARP SILICON EMITTERS AT PENNSYLVANIA STATE
UNIVERSITY

(AASERT) STUDY OF ELECTRON PHYSICS IN
NORTHEASTERN UNIVERSITY

STRUCTURE AND STABILITY OF ATOMICALLY
SHARP SILICON EMITTERS AT PENNSYLVANIA STATE
UNIVERSITY

(AASERT) STUDY OF ELECTRON PHYSICS IN
UNIV OF MASSACHUSETTS

STRUCTURE AND STABILITY OF ATOMICALLY
SHARP SILICON EMITTERS AT PENNSYLVANIA STATE
UNIVERSITY

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TITLE (CONT.)	TYPE/CONTINUATION	STATUS	RECEIVED	PROGRAM MANAGER	PROPOSAL #	INITIATE	START DATE	TOT AMT
FYSIK U12M	INVESTIGATION	INITIAL	11/12/81	WEINSTOCK	92-NE-045	11/12/81	01/12/91	\$49,730
(AASERT) HIGH TEMPERATURE POLYMER- SANTA BARBARA INSTITUTE STRUCTURE AND PROPERTIES	CONTINUATION	INITIAL	11/12/81	POMRENKE	92-NE-009	11/12/81	01/12/91	\$49,730
RENSSELAER POLYTECHNIC INSTITUTE	INITIAL	INITIAL	11/12/81	POMRENKE	92-NE-132	11/12/81	01/12/91	\$49,730
IMAGING AND COLLECTING OF INTRACELLULAR ULTRASHARP SULFUR FOR ULTRASOUND RENSSELAER POLYTECHNIC INSTITUTE	INITIAL	INITIAL	11/12/81	SCHLOSSER	92-NE-133	11/12/81	01/12/91	\$49,730
(AASERT) ELECTRONIC TRANSPORT IN UNIV OF TORONTO	INITIAL	INITIAL	11/12/81	KELLEY	92-NE-007	11/12/81	01/12/91	\$49,730
NUCLEAR AND PLASMA PHYSICS UNIV TORONTO	INITIAL	INITIAL	11/12/81	BARKER	92-NE-156	11/12/81	01/12/91	\$49,730
(AASERT) ELECTRON PHYSICS IN NORTHEASTERN UNIVERSITY	INITIAL	INITIAL	11/12/81	BARKER	92-NE-037	11/12/81	01/12/91	\$49,730
STRUCTURE AND STABILITY OF ATOMICALLY SHARP SILICON EMITTERS AT PENNSYLVANIA STATE UNIVERSITY	INITIAL	INITIAL	11/12/81	WEINSTOCK	92-NE-148	11/12/81	01/12/91	\$49,730

REPORT DATE 11/02/92

PROPOSAL STATUS REPORT (1 OCT 21 - 31 DEC 91)
ORGANIZATIONAL SOURCE: OPTICAL MATERIAL SCIENCES
SUBSTITUTE FOR ELECTRONIC AND MATERIAL SCIENCES

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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/INITIATOR INVESTIGATOR	STATUS PROPOSED AMOUNT	PROGRAM MANAGER #	INITIATE START DATE TODAY
ORGANIZATION OF 1992 PHOTONIC SCIENCE TOPICAL MEETINGS OPTICAL SOCIETY OF AMERICA	CHUAN JIAO	" 13/12/91 \$170,000	SCHLOSSER	" 92-NE-155	
INVESTIGATION OF BAND GAP STRUCTURE/INTERVALLEY CARRIER DYNAMICS IN Si-Ge, SiAs-AlGaAs/TIP SEMICONDUCTORS BY ANGSECOND KINETICS CITY UNIVERSITY OF NEW YORK ALFANO	CHUAN JIAO	" 13/12/91 \$170,000	WILMRENKE #	" 92-NE-119	
STUDIES OF Si-Ge ALLOY: 4: INTERACTIONS WITH OXYGEN AT 2900K CITY FORUMATION CITY UNIVERSITY OF NEW YORK SHITI WU	EDWARD FREDRICK	" 13/12/91 \$393,022	WILMRENKE #	" 92-NE-135	
NONLINEAR OPTICAL PHENOMENA IN RANDOM MEDIA CITY UNIVERSITY OF NEW YORK ULF ANDERSON	EDWARD FREDRICK	" 14/12/91 \$520,355	SCHLOSSER #	" 92-NE-140	
CAASERT) UV REFLECTIVITY AND CATHODOLUMINESCENCE OF GaN, AlN, AND AlN-SiC UNIV OF PITTSBURGH	EDWARD FREDRICK	" 14/10/91 \$93,520	SCHLOSSER #	" 92-NE-052	
CAASERT) IMPACT CONDUCTANCE AND BANDWIDTH ALLOCATION TECHNIQUES FOR MULTIPROCESSOR INTERCONNECTIONS UNIV OF PITTSBURGH	LEVENT UZER	" 14/11/91 \$175,151	CRAIG #	" 92-NE-196	
RECONFIGURABLE OPTOELECTRONIC MULTIPROCESSOR INTERCONNECTION STRUCTURES UNIV OF PITTSBURGH	JOSEPH CHIAULLA	" 13/11/91 \$255,590	CRAIG #	" 92-NE-122	
CAASERT) HOLOGRAPHIC STUDY OF AERONAUTICS WORCESTER POLYTECHNIC INSTITUTE	RYSCIAZ	" 13/12/91 \$1390,326	SCHLOSSER #	" 92-NE-157	
USING IC TO IMPROVE VLSI SYSTEM QUALITY AND RELIABILITY MCNC CENTER FOR MICROELECTRONICS	STPHANE SLEIN	" 12/12/91 \$754,745	WITT #	" 92-NE-137	

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CAASERTO INTEGRATED PHOTONIC CIRCUITS AND LOGIC GATE ARRAYS FOR PARALLEL OPTICAL SWITCHING IN COMPUTING ARCHITECTURES	UNIV OF NEW MEXICO	CHENG	Y	31/11/91 \$193,125	CRAIG	32-NE-034			
CAASERTO THERMAL LIMITATIONS IN TRANSISTOR-INTERFACIAL INTEGRATION AND BROAD-AREA SCALING	UNIV OF NEW MEXICO	FEUERSTEIN	Y	31/11/91 \$93,913	SCHLOSSBER	92-NE-095			
CAASERTO LASER CAPPING - NEUTRAL ATOMS	STATE UNIVERSITY OF NEW YORK	METCALF	Y	31/10/91 \$133,000	KELLEY	92-NE-051			
CAASERTO TUNNELING SPECTROSCOPY OF ULTRASMALL METALLIC GRANULAR CLUSTERS	STATE UNIVERSITY OF NEW YORK	LOCKHART	Y	31/11/91 \$154,320	WEINSTEIN	92-NE-104			
CAASERTO PREPARATION AND STUDY OF QUANTUM SEMICONDUCTOR STRUCTURES	STATE UNIVERSITY OF NEW YORK	MICHAEL	Y	31/11/91 \$142,980	WEINSTEIN	92-NE-105			
CAASERTO STUDENT SUPPORT AND THE STUDY OF HIGH POWER SOURCES	STATE UNIVERSITY OF NEW YORK	LUKENS	Y	31/12/91 \$142,980	WEINSTEIN	92-NE-149			
1992 Gordon Conference on Print Effects, Line Effects, and Interfaces in Semiconductors	GORDON RESEARCH CONFERENCES INC	CRUICKSHANK	Y	28/10/91 \$3,000	MITT	92-NE-039			
GORDON CONFERENCE ON MULTIPHOTON PROCESSES COLBY-SAWYER COLLEGE	NEW HAMPSHIRE	CRUICKSHANK	Y	22/12/91 \$10,000	SCHLOSSBER	92-NE-131			
TIME DOMAIN SPECTRAL MOLE-BURNING STORAGE	ISM ALNADEN RESEARCH CENTER	MICHAEL	Y	28/10/91 \$196,129	CRAIG	92-NE-004			

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TITLE INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROGRAM MANAGER	PROPOSAL #	INITIATE START DATE	TOT. AMT.
UNIVERSITY OF MASSACHUSETTS, ANNUAL CONFERENCES ON THE PHYSICS AND CHEMISTRY OF SEMICONDUCTOR INTERFACES C=CSI-1 SCHOOL OF PHYSICS, PATRIOT SCIENTIFIC CENTER MCGRATH	JERRY	N 02 54/12/91 \$13,500	A POMRENKE 92-NE-142	92-NE-142	15/01/92	\$13,500
CAASERTO TRANSPORT PROCESSES IN PLASMAS RUMFORD - THE STATE UNIVERSITY	LEEBWHITE	N 36 03/10/91 \$247,373	BARKER	92-NE-005		
CAASERTO) ELECTRICAL AND OPTICAL PROPERTIES OF BISMUTH DOPED GAAS, ALGAAS, AND SUPERLATTICE AERL FORCE INSTITUTE OF TECHNOLOGY YEE	YUNG KEE	N 36 13/11/91 \$99,434	POMRENKE 92-NE-124	92-NE-124		
CAASERTO) EXPERIMENTAL ESR PLASMA CLOAKING RESEARCH MASSACHUSETTS INSTITUTE OF TECHNOLOGY LEE	WIN-CHANG	N 36 02/10/91 \$294,157	BARKER 92-NE-001	92-NE-001		
CAASERTO) STUDY OF QUANTUM MECHANICAL EFFECTS FIELD-EFFECT-CONTROLLED SEMICONDUCTOR NANOSTRUCTURES MASSACHUSETTS INSTITUTE OF TECHNOLOGY ANTONIADIS	DIMITRI	N 36 17/10/91 \$196,045	WITT 92-NE-016	92-NE-016		
OPTICAL METALLOGY OF MAGNETICALLY TRAPPED HYDROGEN MASSACHUSETTS INSTITUTE OF TECHNOLOGY KLEPPNER	DANIEL	N 12 25/10/91 \$135,000	KELLEY 92-NE-026	92-NE-026		
CAASERTO) LASER ABLATED MULTILAYER STRUCTURES EMPLOYING THE HIGH-TC MATERIAL BKK MASSACHUSETTS INSTITUTE OF TECHNOLOGY TEDROW	PAUL	N 36 28/10/91 \$186,897	WEINSTOCK 92-NE-043	92-NE-043		
CAASERTO) OPTICAL RESONANCY METALLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY KLEPPNER	DANIEL	N 36 30/10/91 \$195,460	KELLEY 92-NE-054	92-NE-054		
STUDY OF IMPROVED CRITICAL CURRENTS AND MECHANICAL PROPERTIES IN THE Y-Ba-Cu-O SUPERCONDUCTOR WITH SILVER OR Y2BaCu03 DISPERSSIONS COLUMBIA UNIVERSITY CHAN	STU-MAI	N 24 15/10/91 \$39,999	WEINSTOCK 92-NE-011	92-NE-011		

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			RECEIVED AMOUNT	PROGRAM MANAGER PROPOSAL #	
CAASERTO) HIGH SPEED ELECTRO-OPTICAL MODULATOR FABRICATED WITH LASER PROCESSING STANFORD UNIVERSITY	SEASLEY RICHARD	N 26 31/11/91 \$197,470		SCHLOSSBER 92-NE-064	
CAASERTO) SUPERCONDUCTIVITY OF THE FULLERENES AND SCANNING TUNNELING MICROSCOPY OF NOVEL SUPERCONDUCTORS STANFORD UNIVERSITY	SEASLEY MALCOLM	N 36 04/11/91 \$309,152		WEINSTOCK 92-NE-038	
CAASERTO) LASER COOLING AND TRAPPING OF NEUTRAL PARTICLES STANFORD UNIVERSITY	CHU STEVE	N 36 04/11/91 \$179,299		KELLEY 92-NE-096	
CAASERTO) EXPERIMENTAL STUDIES OF THE IRREVERSIBILITY LINE IN HIGH-TC SUPERCONDUCTORS AND MODEL SYSTEMS STANFORD UNIVERSITY	KAR 'ULNIK AARON	N 36 04/11/91 \$154,576		WEINSTOCK 92-NE-101	
CAASERTO) GENERATION AND APPLICATION OF INTENSE TERAHERTZ EM RADIATION FROM PHOTOVOLTAGE DEVICES STANFORD UNIVERSITY	AUSTIN DAVID	N 26 05/11/91 \$186,573		SCHLOSSBER 92-NE-108	
A PROGRAM OF RESEARCH IN LASER OSCILLATOR PHYSICS AND LASER DEVICE PERFORMANCE STANFORD UNIVERSITY	ANTHONY SIEGMAN	N 36 04/12/91 \$249,165		SCHLOSSBER 92-NE-141	
STUDIES OF IN-VACUUM PASSIVATED GALLIUM ARSENIDE SURFACES WESLEYAN UNIVERSITY	DOERING DALE	N 36 20/12/91 \$236,689		POMRENKE 92-NE-158	
CAASERTO) INDIUM AND ANTIMONY DENSE III-V MICROSTRUCTURES WITH NOVEL ELECTRONIC PROPERTIES CALIFORNIA INSTITUTE OF TECHNOLOGY	MCGILL THOMAS	N 26 01/11/91 \$263,771		POMRENKE 92-NE-066	
CAASERTO) ADDITIONAL STUDIES OF EXTREMELY HIGH FREQUENCY ELECTRO-OPTIC MODULATORS AND THEIR APPLICATIONS CALIFORNIA INSTITUTE OF TECHNOLOGY	BRIDGES WILLIAM	N 36 23/12/91 \$147,363		CRAIG 92-NE-163	

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INSTITUTION

INVESTIGATOR

CAASERT) RESEARCH ON HOMOGENEOUS AND HETEROGENEOUS
STRUCTURES

JOHNS HOPKINS UNIVERSITY

KARL M

ALEXANDER

CAASERT) VASCULAR LIGHT MODULATOR BASED ON SEMICONDUCTOR
HETEROSTRUCTURES
JOHNS HOPKINS UNIVERSITY

KHURGEN

JACOB

3103,946

CAASERT) SPATIAL LIGHT MODULATORS WITH ARBITRARY QUANTUM WELL
STRUCTURES
ARIZONA STATE UNIVERSITY

MARACAS

GEORGE

3113,690

POLYMER OPTICAL INTERCONNECTIONS -- SILICON MULTI-CHIP WAFER AREA
NETWORKS
WEST VIRGINIA UNIVERSITY

HORNAK

LAWRENCE

3230,668

MATERIALS FOR HIGH-POWER LASER APPLICATIONS: EIGEN DEFECTS IN KTP
CRYSTALS
WEST VIRGINIA UNIVERSITY

HALLIBURTON

LARRY

3239,882

CAASERT) HIGH POWER MICROWAVE AND ELECTRON ACCELERATOR STUDIES:
AUGMENTATION AND
CORNELL UNIVERSITY

HATTON

JOHN

3473,539

CAASERT) OPTICAL SPECTROSCOPES OF CLEAN AND MODIFIED GERMANIUM
SURFACES
CORNELL UNIVERSITY

WILSON

3219,290

92-NE-129

CAASERT) DIAGNOSTICS FOR SELF-EMISSIONING STRUCTURES USING NEAR FIELD
TECHNOLOGY
CORNELL UNIVERSITY

ISAACSON

MICHAEL

3103,433

92-NE-073

CAASERT) STUDY OF CARRIER DYNAMICS IN STRAINED-LAYER QUANTUM WELL
LASERS VIA ULTRA-SHORT OPTICAL PULSE PACING
CORNELL UNIVERSITY

EASTMAN

LESTER

3125,801

92-NE-090

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			RECEIVED	PROPOSAL #			
CAVES/ETC HIGH POWER MICROWAVE AND ELECTRON ACCELERATOR STUDIES		4/91					
AUGMENTATION AND CORNELL UNIVERSITY	MATSON	1/91	26	05/11/91	PARKER	193,312	92-NE-109
LASERS IN SOLIDS	JOSSEPH	1/91	36	13/12/91	CRAIG	122,513	92-NE-151
CORNELL UNIVERSITY	ELLANTYNE						

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TITLE TITLE (CONT'D.) INSTITUTION	INVESTIGATOR	TYPE/NUMBER TYPE/NUMBER	STATUS RECEIVED AMOUNT	PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT.
RESEARCH TRAINING & THE EFFECTS OF TOXIC SUBSTANCES ON THE LUNGS UNIV OF ARIZONA	WITTEN	" 1/10/91 134,345	36	CERVERY 92-NL-001	
STRUCT AND LAGE SIMULATION OF GEOPHYSICAL FLOWS UNIV OF COLORADO	STRONGMAN	" 1/10/91 105,634	36	STOGLIE 92-NL-002	
AIRBORNE DUST/RADIOMETRIC STUDY OF CIRRUS CLOUD EFFECTS ON INFRAR ED PROPAGATION AND TARGETING SENSOR PERFORMANCE SRI INTERNATIONAL	UTHE	" 1/10/91 492,655	36	STOGLIE 92-NL-007	
REPEATED MEASURES & COGNITIVE TESTS: IMPLICATIONS FOR THEORY ESSERA CORPORATION	KENNEDY	" 1/10/91 303,553	36	FREGLY 92-NL-010	
THE DEVELOPMENT OF SITUATION ASSESSMENT/FUNCTION-MATCHING THEORE TICAL APPROACH TO DECISION MAKING IN SUCCESSFUL SITUATIONS HONEYWELL INC	JORDAN	" 1/10/91 299,508	24	"FREGLY" 92-NL-011	
EXPLORATION OF TRAINING RELATIONSHIPS IN NEURAL ACTIVITY UNIV OF MARYLAND	JUDITH DAYHOFF	" 1/10/91 123,737	26	HADDAD 92-NL-013	
NUMERICAL MODELING AND CHARACTERIZATION OF GRAVITY WAVE PROCESSES AND EFFECTS IN THE ATMOSPHERE UNIV OF COLORADO	FRITTS	" 1/10/91 170,392	24	A STOGLIE 92-NL-015	\$84,082 01/01/92 \$170,392
TWELFTH ANNUAL CARMEL CONFERENCE UNIV OF FLORIDA	EMANUEL CONCHIN	" 1/10/91 514,354	12	A FREGLY 92-NL-016	\$14,954 01/01/92 \$14,954
THEORETICAL ASSESSMENT OF RETRIEVAL DAMAGE MECHANISMS FROM 5 NANOSEC ENDSTOFS = 500 SECONDS UNIV OF MISSOURI	PETER	" 1/10/91 579,364	12	CERVERY 92-NL-022	

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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROGRAM/MANAGER PROPOSAL #	INITIATE START DATE TOT. AMT.
Spatial and temporal interpretation in visual object perception SWARTHMORE COLLEGE CONCLIA UNIVERSITY	KELLYAN PHILLIPS YEST	N 17/10/91 \$49,327	N 17/10/91 TANGNEY 92-NL-025	
Determination of multiple sound sources YALE UNIVERSITY	WILLIAMS	N 13/10/91 \$393,535	N 13/10/91 TANGNEY 92-NL-026	
Comparing performance in inelastic memory tests YALE UNIVERSITY	ROEDIGER, III	N 13/10/91 \$580,999	N 13/10/91 FREGLY 92-NL-027	
Circuit analysis and computational model of operant conditioning YALE UNIVERSITY	CAREW THOMAS	N 13/10/91 \$133,090	N 13/10/91 HADDOCK 92-NL-028	
The mechanisms and effects of the plant activation of chemicals in the environment UNIV. OF ILLINOIS	SHAW MICHAEL	N 22/10/91 \$116,191	N 22/10/91 CERVENY 92-NL-029	
Comparative toxicity of halogenated hydrocarbons: molecular aspect UNIV. OF SURVEY	MESSON G	N 25/10/91 \$60,573	N 25/10/91 CERVENY 92-NL-030	N 25/10/91 \$60,573
Processes involved in the integration of pictures and discourse UNIV. OF WISCONSIN	GLENBERG ARTHUR	N 23/10/91 \$204,311	N 23/10/91 FREGLY 92-NL-043	
Role of sulfation in polycyclic hydrocarbon toxicity UNIV. OF ALABAMA	ALANY CHARLES	N 23/10/91 \$310,397	N 23/10/91 CERVENY 92-NL-048	
Decontamination of soil by bioremedial technique: biodegradation of pentachlorophenol, napthalene and creosote UNIV. OF MISSOURI	DURI RAVI	N 29/10/91 \$332,377	N 29/10/91 CERVENY 92-NL-049	

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AIR FORCE LABORATORY SCIENTIFIC RESEARCH	INSTITUTE OF L-2 SCIENCES	
TITLE: (CONT.)	INVESTIGATOR	
INTERDISCIPLINARY TRAINING IN L-2 SCIENCES	STEINMAN	
UNIV OF MARYLAND	ROBERT	
CHARACTERIZATION OF SPAGHETTI AND COMMUNICATION PROPERTIES, L-2 TH E NATURAL AND ARTIFICIALLY DISTURBED ATMOSPHERE	REINISCH	
UNIV OF LOWELL	SOLODO	
CALCULATION OF SELF-BROKEN LINE WIDTHS AND DATABASE MAINTENANCE FOR HATRAN	GANACHE	
UNIV OF LOWELL	ROBERT	
ATMOSPHERIC IONIZATION BY SOLAR PARTICLES DETECTED BY NITRATE MEAS UREMENTS IN ANTARCTIC SNOW	RESCHE	
UNIV OF KANSAS	GISELA	
CONTROL OF CIRCADIAN BEHAVIOR BY LIGHT AND TRANSPLANTED SUPERCHARGE SNAILS, TUCLES	YENAKER	
UNIV OF VERGINIA	MICHAEL	
BASIC MECHANISMS AND APPLICATIONS OF NON-HEMATIC ENRAINTMENT OF CIR CADIAN RHYTHMICITY	CAUTER	
UNIV OF CHICAGO	IVAN	
STATISTICAL ANALYSIS OF THE USAF HIGH LATITUDE METEOR SCATTER TEST DATA	REINISCH	
UNIV OF LOWELL	SOLODO	
THEORETICAL MOLECULAR SPECTROSCOPY APPLIED TO MOLECULAR SPECIES IN THE TERRESTRIAL ATMOSPHERE	GANACHE	
UNIV OF LOWELL	ROBERT	
DYNAMICS AND ELECTRODYNAMICS OF THE UPPER ATMOSPHERE POSITION UNIVERSITY	JEFFREY	
	ROBERT	
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INVESTIGATOR	RECEIVED	PROGRAM MANAGER
INTERDISCIPLINARY TRAINING IN L-2 SCIENCES	AMOUNT	PROPOSAL #
UNIV OF MARYLAND	\$325,912	INITIATE START DATE TOT AMT.
CHARACTERIZATION OF SPAGHETTI AND COMMUNICATION PROPERTIES, L-2 TH E NATURAL AND ARTIFICIALLY DISTURBED ATMOSPHERE	\$1/10/91 \$200,000	36 13 0 92-NL-059
CALCULATION OF SELF-BROKEN LINE WIDTHS AND DATABASE MAINTENANCE FOR HATRAN	\$1/10/91 \$30,000	36 0 92-NL-060
ATMOSPHERIC IONIZATION BY SOLAR PARTICLES DETECTED BY NITRATE MEAS UREMENTS IN ANTARCTIC SNOW	\$1/11/91 \$73,306	36 0 92-NL-063
CONTROL OF CIRCADIAN BEHAVIOR BY LIGHT AND TRANSPLANTED SUPERCHARGE SNAILS, TUCLES	\$1/11/91 \$156,157	36 0 92-NL-065
BASIC MECHANISMS AND APPLICATIONS OF NON-HEMATIC ENRAINTMENT OF CIR CADIAN RHYTHMICITY	\$1/11/91 \$361,301	36 0 92-NL-071
STATISTICAL ANALYSIS OF THE USAF HIGH LATITUDE METEOR SCATTER TEST DATA	\$6/11/91 \$135,369	36 0 92-NL-075
THEORETICAL MOLECULAR SPECTROSCOPY APPLIED TO MOLECULAR SPECIES IN THE TERRESTRIAL ATMOSPHERE	\$6/11/91 \$105,058	36 0 92-NL-076
POSITION UNIVERSITY	\$210,576	36 0 92-NL-077

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OBSEVATIONAL CAUSE STUDIES AND DIAGNOSTIC ANALYSES OF LONG-LIVED, LARGE-AMPLITUDE EQUATORIAL GRAVITY WAVES STATE: UNIVERSITY OF NEW YORK	PROPOSAL	N. 12/12/91 5537,473. 92-NL-004	36	STOBIE		
THE EARTH'S LOW ENERGY RADIATION ENVIRONMENT AND VERTICAL TRANSPORT S ED UPON SOLAR, EXO-S-C, AND UNEA MISSIONS	INVESTIGATIONS	LANCE MIAH	17/12/91 5560,329.	STOBIE	36	
ASSESSMENT OF SCFT ERRORS DUE TO SOLAR FLARES: INVESTIGATIONS BAS	INVESTIGATIONS	4	17/12/91 5560,929.	STOBIE	36	
UNIV OF ARKANSAS/PINE BLUFF						92-NL-115
AUGMENTATION OF RESEARCH ON COGNITIVE CONTROL WASHINGTON STATE UNIVERSITY	RESEARCH	PAUL WHITNEY	30/10/91 5102,633	REGLEY	36	
INTERACTION OF OXIDANTS WITH UNSATURATED PHOSPHATIDYLCHOLINE COMPOUN MENTS OF BUNYAR SURFACTANT: INITIATORS OF THE INFLAMMATORY REACTIONS	INVESTIGATIONS	2	23/10/91 5590,537	CERVERY	60	
CALIFORNIA STATE UNIVERSITY, FULLERTON						92-NL-045
THE RECOVERY AND RECOGNITION OF THREE DIMENSIONAL SHAPES: FORMAN AND NEPIRICAL STUDIES	RECOGNITION	FORMAN HOFFMAN DONALD	13/10/91 5570,975	TANGNEY	36	
UNIV OF CALIFORNIA						92-NL-030
SPATIOTEMPORAL MASKING IN HUMAN VISION AND ITS APPLICATION TO ima SECODEING	VISION	KLEIN STANLEY	13/11/91 5179,292	TANGNEY	36	
UNIV OF CALIFORNIA						92-NL-091
SYNAPTIC PLASTICITY AND MEMORY FORMATION UNIV OF CALIFORNIA	MEMORY	LYNCH GARY	16/12/91 51,351,143	HADDAD	48	
CRUST AND UPPER MANTLE STRUCTURE BENEATH THE IRIS/IDA SEISMIC STATION UNIV OF NEVADA, LAS VEGAS	SEISMIC	MINSTER	17/12/91 591,329	STOBIE	36	
UNIV OF CALIFORNIA, SAN DIEGO						92-NL-118

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		RECEIVED	MONTH			
EFFECTS OF THE SUSPENSION OF SEDIMENT ON THE RATE AND DEGRADATION OF ORGANIC COMPOUNDS UNIV. OF RHODE ISLAND	LATIMER JAMES	N 35 12/11/91 \$207,569	CERVENY 92-NL-065			
A THEORETICAL AND NUMERICAL INVESTIGATION OF THE ROLE OF INERTIA-G GRAVITY WAVES IN EXPLOSIVE CYCLONOGENESIS NORTH CAROLINA STATE UNIVERSITY	LIN YUH-LANG	N 36 02/10/91 \$345,562	STOBIE 92-NL-075			
NONLINEAR ANALYSIS OF VISUAL CORTICAL NEURONS UNIV. OF MASSACHUSETTS	JACOBSON LOWELL	N 36 01/11/91 \$723,618	TANGNEY 92-NL-068			
IN VIVO MEASUREMENT IN RABBITS OF CEREBRAL ENERGETICS AND BRAIN BY DURING EXPOSURE TO HYPERBARIC OXYGEN BY PHOSPHORUS-31 LOCALIZED... WILDFORD HALL MEDICAL CENTER		N 10 27/11/91 \$5,004 \$5,004	CERVENY 92-NL-039			
COMPUTER MODELING STUDIES OF THE INFRAARED CELESTIAL BACKGROUNDS RENSSLEAER POLYTECHNIC INSTITUTE	LEUNG CHUN	N 36 21/11/91 \$264,093	RADOSKI 92-NL-062			
CELLULAR ANALYSIS OF THE STARTLE REFLEX YALE UNIVERSITY SCHOOL OF MEDICINE	DAVIS MICHAEL	N 36 23/10/91 \$293,016	HADDAD 92-NL-041			
MULTIPLE INPUT-MULTIPLE OUTPUT SACCADIC EYE MOVEMENT NEUROSENSORY CONTROL NORTH DAKOTA STATE UNIVERSITY	ENGELKE JOHN	N 36 07/10/91 \$157,546	TANGNEY 92-NL-012			
MICROHAWK-INDUCED CYTOTOXICITY AND DNA DAMAGE IN YEAST UNDER OXIDATIVE STRESS PENNSYLVANIA STATE UNIVERSITY	GRAETTER REINHARD	N 24 30/12/91 \$161,875	HADDAD 92-NL-124			
GRADUATE STUDENT SUPPORT FOR OPTICAL REMOTE SENSING OF ATMOSPHERIC WINDS OREGON GRADUATE CENTER FOR STUDY & PESCH	HOLMES JAMES	N 36 29/10/91 \$143,476	STOBIE 92-NL-046			

TITLE INSTITUTION SUBTREATMENT OF NITROAROMATIC CONTAMINANTS	INVESTIGATOR CRAWFORD	TYPE/ANTH RECEIVED AMOUNT	STATUS PROGRAM #	INITIATE START DATE TOT AMT.
				INITIATE START DATE TOT AMT.
NUCLEAR CHARACTERIZATION OF POLYMERS FORMED IN CIZARRIZING MIXTURES. 0= LUMINOL AND 3-MANINO-L-TYROSINE SOUTHEASTERN CALIFORNIA STATE PHYSICS DEPT	WRIGHT	JOHN	12/12/91 \$145,220	CERVENY 92-NL-112
CEREBELLAR CIRCUIT MECHANISMS WHICH ACCOMPANY COORDINATED LIMB TRAJECTORY PATTERNS IN THE RAT: USE OF A MODEL IN SPONTANEOUS CHANGES HANNEMANN UNIVERSITY			10/10/91 \$44,536	CERVENY 92-NL-012
IMPACT OF THE NORADRENERGIC LC SYSTEM IN ITS CORTICAL & SUBCORTICAL TARGETS: CELLULAR SUBSTRATES OF VIGILANCE HANNEMANN UNIVERSITY	ASTON-JONES	GARY	16/10/91 \$517,552	HAODAO 92-NL-024
GRADUATE TRAINING IN ENVIRONMENTAL TOXICOLOGY CREIGHTON UNIVERSITY	STOWS	SIDNEY	05/11/91 \$252,333	HAODAO 92-NL-073
THE ROLE OF GAP-JUNCTIONAL COMMUNICATION IN CHEMICAL TOXICOLOGY MICHIGAN STATE UNIVERSITY	TRUSKO	JAMES	03/12/91 \$192,746	CORNETTE 92-NL-106
WILD MAMMALIAN BIOMONITORS FOR ASSESSING IMPACTS OF PETROCHEMICALS ON TERRESTRIAL ECOSYSTEMS OKLAHOMA STATE UNIVERSITY	LOCHMILLER	ROBERT	21/10/91 \$505,205	CERVENY 92-NL-031
REFINEMENTS IN CLUTCH MICROPHYSICS AND LOGIC IN SUPPORT OF NUMERICAL CLOUD-PREDICTION COLORADO STATE UNIVERSITY	COTTON	WILLIAM	25/10/91 \$135,106	CERVENY 92-NL-038
VISUAL DISCRIMINATION AND CATEGORICAL PERCEPTION: THE SPEED OF A TEGORICAL AND NON-CATEGORICAL DECISIONS MOUNT SINAI SCHOOL OF MEDICINE	EDITS-KOLLNER	IVAN	06/11/91 \$256,695	STOBIE 92-NL-079

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TITLE INSTITUTION	INVESTIGATOR	TYPE/INITIATOR RECEIVED AMOUNT	STATUS PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT.
ANALYSIS AND SIMULATION OF ADAPTIVE NEURAL CIRCUITS UNIV. OF TEXAS HEALTH SCIENCE CTR	SYRINE	Y 25 20/12/91 \$137,530	HAGDAD 92-NL-055	
ROLE OF ASCORBIC ACID METABOLISM IN REGULATING LASER-INDUCED PHOTO- OXIDATIVE DAMAGE IN THE EYE UNIV. OF TEXAS HEALTH SCIENCE CTR	GLICKMAN	Y 36 01/11/91 \$60,477	CERVERNY 92-NL-067	
THE ROLE OF HYPERBARIC OXYGEN AS A PROPHYLACTIC FOR RADIATION ENTER- TIES UNIV. OF TEXAS HEALTH SCIENCE CTR	FELDMAYER	Y 12 02/12/91 \$15,775	CERVERNY 92-NL-104	\$15,775 15/02/92
AN EXPERIMENTAL AND THEORETICAL STUDY OF CHARGE TRANSFER BETWEEN ICE SURFACES AND ISOLATED STUDIES UNIV. OF WASHINGTON	BAKES	Y 35 01/10/91 \$313,660	STOBIE 92-NL-003	
PATTERN RECOGNITION TECHNIQUES FOR THE EVALUATION OF TOXICANT IMPA- CTS AND RISKS TO MULTISPECIES SYSTEMS WESTERN WASHINGTON UNIVERSITY	LAMONT	Y 36 02/10/91 \$179,166	CERVERNY 92-NL-051	
RECEPTIVE FIELD NEURAL NETWORK ANALYSIS OF CELLS CONSTANCY AND COL- OR CONTRAST UNIV. OF PENNSYLVANIA	SUCHSBRAUM	Y 35 02/10/91 \$122,577	TANGNEY 92-NL-052	
SPATIALLY ORGANIZED CONCEPTUAL INFORMATION TEXAS CHRISTIAN UNIVERSITY	BAISEREAU	Y 36 02/10/91 \$225,529	FREGLY 92-NL-056	
COMPARATIVE EFFECTS OF 102 FORCE - JEL COMPOUNDS ON NORMAL HUMAN E- Pidermal KERATINOCYTES & SYNTHETIC HUMAN SKIN EQUIVALENTS-MECH.... STATE UNIVERSITY OF NEW YORK	ROBERT	Y 24 03/12/91 \$141,215	CERVERNY 92-NL-105	
TRANSFORMATION OF TOXIC METALS BY BACTERIA HEMARRY MEDICAL COLLEGE	BLAKE II	Y 36 11/10/91 \$403,043	CERVERNY 92-NL-020	

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TITLE (CONT.)	INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED	STATUS	PROGRAM MANAGER	INITIATE	START DATE	TOT AMT
SUSLETHAL TOXICANT CONCENTRATION EFFECTS ON CULTURED CELLS	MEHARRY MEDICAL COLLEGE	WAGNER	N 3/10/91 3204,6128	3/6	CERVENY	92-NL-039		
GRADUATE ASSISTANTSHIP TO SUPPLEMENT AIR FORCE GRANT	MEHARRY MEDICAL COLLEGE	BLAKE L	N 3/11/91 3125,6113	3/6	CERVENY	92-NL-092		
VISUAL INFORMATION PROCESSING: RETINULARLY PRESENTED DATA FRA	LONG ISLAND UNIVERSITY	HATCH	N 3/10/91 3167,233	3/6	TANGNEY	92-NL-929		
VALIDATION OF FIRST-PRINCIPLE CELL CALCULATIONS OF THE UPTAKE ATMOSPHERE	UTAH STATE UNIVERSITY	WICKWAR	N 3/10/91 5235,129	3/6	STOBE	92-NL-021		
MECHANISMS OF VOLATILE CONTAMINANT AND CELL INTERACTIONS WITH SOIL	WASHINGTON UNIVERSITY	ETHEL	N 3/10/91 5440,303	3/6	CERVENY	92-NL-053		
SCALING XENOBIOCOPIC TOXICOKINETICS: INITS FROM AIR MAMMALS	OHIO STATE UNIVERSITY	AYTON	N 3/11/91 3122,209	3/6	CERVENY	92-NL-056		
PARALLEL ELEMENT SEMI-LAGRANGIAN SCHEME FOR SHALLOW WATER EQUATIONS	NAVAL POST GRADUATE SCHOOL	NETA	N 3/10/91 3123,296	3/6	STOBE	92-NL-023		
MOLECULAR TOXICOLOGY OF CHROMATIN	SAN FRANCISCO STATE UNIVERSITY	KUN	N 3/10/91 3600,000	3/6	CERVENY	92-NL-019		
APPLYING HISTOGRAM, CONTRAST ANALYSIS TO TEXTURE PERCEPTION	RUTGERS - THE STATE UNIVERSITY	CHARLES CHU	Y 3/11/91 3604,465	3/6	TANGNEY	92-NL-074		

REPORT DATE 91/02/32

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TITLE

(CONT.)
INVESTIGATION

MICHAEL HILL: RACAR STUDIES OF ALASKA WAVES AND TURBULENCE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

ESTED

NEURONTRANSMITTERS AND PHYSIOLOGICAL MECHANISMS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

JURTMAN

IMPLICATIONS OF THE SMALL SCALE STRUCTURE IN THE QUIET SUN FOR THE
SOLAR WIND =LIGA

SMITHSONIAN INSTITUTION

HABAU

SHADIA

GLOBAL STUDIES OF THE ATMOSPHERE AND CONSEQUENCE WITH ACTIVE SPACE-
BASED RADIO TECHNIQUES

STANFORD UNIVERSITY

TYLES

HELENOMENUS SCALE IN SCN RHYTHMICITY IN VITRO

WESLEYAN UNIVERSITY

LYNCH

GRADUATE SUPPORT & RESEARCH IN INDUCED EDITORIAL REPRESENTATIONS

STANFORD UNIVERSITY

TVERSKY

CARPINA

EMOTIONAL FACTORS IN PERCEPTION AND MEMORY FOR PAGES

NEW YORK UNIVERSITY

SNODGRASS

JOAN

TYPE/MONTHS

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AMOUNT

PROPOSAL #

STATUS

PROGRAM MANAGER

PROPOSAL #

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START DATE

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STOBIE

92-NL-058

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STOBIE

92-NL-072

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HADDAD

92-NL-064

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RADOSKI

92-NL-054

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STOBIE

92-NL-017

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HADDAD

92-NL-040

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STOBIE

92-NL-040

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FREGLY

92-NL-061

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FREGLY

92-NL-061

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TANSEY

92-NL-103

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36

FREGLY

92-NL-122

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TITLE TITLE (CONT'D.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED ANNUIT	STATUS PROPOSAL #	INITIATE START DATE TOT ANT
BIOPHYSICAL AND STOCHASTICAL MECHANISMS OF SYNTETIC TRANSMITTER RENEASSE NEW YORK UNIVERSITY MEDICAL CENTER	LEONARD	1/12/91 325,557	MAJDAD 92-NL-123	
RESEARCH TRAINING OF GRADUATE STUDENTS IN A DUAL-PLAZMATIONIST CERULOPASICAL ZACAR PROJECT NEW MEXICO INSTITUTE OF TECHNOLOGY	PAUL	1/12/91 325,139	STOSIE 92-NL-120	
NONLINEAR DYNAMICS APPLIED TO ATMOSPHERIC PREDICTION FLORIDA STATE UNIVERSITY	RICHARD SCHEFER	1/10/91 *310,000	STOSIE 92-NL-005	
STUDIES OF THE EFFECT OF IMAGE DEGRADATION AND RECOGNITION ON VISUAL PERCEPTION ARIZONA STATE UNIVERSITY	JITAL WILLIAM	1/12/91 5515,367	TANGNEY 92-NL-037	\$150,000 01/03/92 \$450,000
DYNAMICAL AND STATISTICAL FEATURES PREDICTION USING COMPUTATIONAL CRYPTO FLORIDA STATE UNIVERSITY	ROTH	1/12/91 3163,369	STOSIE 92-NL-047	
ORGANIC POLYMER ACTIVITY JOHNS HOPKINS UNIVERSITY	ROBERT	1/11/91 *2,734,099	MAJDAD 92-NL-069	
GRADUATE STUDENT TRAINING IN CHROMATOLOGY TEXAS A AND M UNIVERSITY	CASSONE VINCENT	1/11/91 3143,075	MAJDAD 92-NL-070	
4-HYDROXYALKENAL QUANTITATIVE DETECTION BY GAS CHROMATOGRAPHY-MAS S-SPECTROSCOPY AND INTERACTION WITH PROTEINS SOUTHERN STATE UNIVERSITY	VAN KUIJK FREDERIC J.G.H.	1/11/91 1149,245	CERVERY 92-NL-095	
GRADUATE STUDENT INVOLVEMENT IN THE ECOLE PROJECT CORNELL UNIVERSITY	KELLEY MICHAEL	1/11/91 1147,222	STOSIE 92-NL-079	

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TITLE (CONT'D) INSTITUTION	TYPE/MONTHS RECEIVED AMOUNT	STATUS PROPOSAL #	INITIATE START DATE TOT AMT
INVESTIGATORS	" 36 12/11/91 \$131,500	STO31E 92-4L-030	
TRAINING OF STUDENTS IN INSTRUMENTATION AND MEASUREMENT TECHNIQUES	" 36 07/11/91 \$131,500	STO31E 92-4L-033	
CLEMSON UNIVERSITY	12/11/91 MICHAEL MELLER		
RESEARCH TRAINING FOR UNDERSTANDING THE STATE OF ENVIRONMENTAL POLLUTION	" 36 07/11/91 \$131,500	STO31E 92-4L-034	
CORNELL UNIVERSITY	12/11/91 EUGENE MADSEN		
GRADUATE STUDENTSHIP IN RESEARCH TRAINING IN GEOPHYSICS AND RADAR	" 36 07/12/91 \$131,500	STO31E 92-4L-199	
AGRAFOLYTICS	12/11/91 LENTS JUNCAW		
CLEMSON UNIVERSITY			

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NAME TITLE (CONT.) INSTITUTION	INV-STATUS	TYPE/MONTHS RECEIVED	STATUS PROPOSAL #	INITIATE START DATE TOT AMT.
CAASERD: TOWARD AUTOMATIC CANCER DIAGNOSIS AN IN-OPERATIVE SYSTEM FOR CELL FEATURE EXTRACTION DREW JF, KICINSKI	DRIVE:	" 17/10/91 +126,135	CLASSMAN 92-NM-012	
CHASS: DUE TO: FUNDING LIMITS, IN STRUCTURE ATTITUDE: UNIVERS UNIV OF WISCONSIN	SAMMEL	" 17/10/91 3252,750	NACHMAN 92-NM-014	
MILLEST SPACE METHODS AND SECURITY CONDITIONS IN HYDRODYNAMICS UNIV OF IOWA	KNOBR	" 21/10/91 3444,921	NACHMAN 92-NM-016	
CAASERD: SOLVERS AND COMPUTATION UNIV OF CALIFORNIA	LELOWITZ	" 22/10/91 +94,532	NACHMAN 92-NM-018	
CAASERD: DEVELOPMENT & ANALYSIS OF CORRECTION ENGINEING AND STATISTICAL SIGNAL PROCESSING ALGORITHMS YALE UNIVERSITY	ARYE	" 23/10/91 1280,577	SJCGREN 92-NM-022	
MULTIPARAMETER INTERACTIONS AND APPLICATIONS UNIV OF MISSOURI	CHICCHE	" 24/10/91 +15,000	LUPD 92-NM-027	\$15,000 01/11/91 \$15,000
CEPSCOR: A RESEARCH PROGRAM ON THE ASYMPTOTIC DESCRIPTION OF CIPERSIVE PULSE	CUSHMAN	" 25/10/91 +173,293	NACHMAN 92-NM-034	
MULTISCALE AND MULTIGRID INFORMATION EXTRACTION AND DESIGN UNIV OF MARYLAND	KURT TENWIK AHMED	" 26/10/91 +326,999	SJCGREN 92-NM-037	\$29,999 01/02/92 \$29,999
CAASERD: THEORETICAL ISSUES IN THREE-DIM GROWTH: STATIC EFFECTS IN DIFFUSION AND A DESIGN UNIV OF MARYLAND	EINSTEIN	" 26/10/91 +207,348	NACHMAN 92-NM-038	

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TITLE (CONT.) INSTITUTION	TITLE INVESTIGATOR	TYPE/MONTHS RECEIVED AGENCY	STATUS PROPOSAL #	INITIATE START DATE TOT AMT
AUTOMATIC TRANSLATION INTO SPECIALIZED REPRESENTATIONS UNIV OF MICHIGAN	YAN DALEY	1 34 23/10/91 254,377	NAKSHAN 92-NM-042	
ASSERT - PROBABILISTIC METHODS FOR GLOBAL OPTIMIZATION IN CONTINUOUS VARIABLES UNIV OF COLORADO	GLOVED	2 35 29/10/91 207,762	GLASSMAN 92-NM-050	
ASSERT - DISTRIBUTED AND COLLABORATIVE COMPUTER DESIGN PURDUE UNIVERSITY	RAJARAJ	3 76 30/10/91 130,443	GLASSMAN 92-NM-052	
ASSERT - GRAPHS, INTERFACES & SENSOR-ACTUATOR EXTENSIONS FOR THE PROCESSES TRAVERSAL YALE UNIVERSITY	CHANDERJIT DAVIS	4 26 31/10/91 264,391	LUPO 92-NM-053	
ASSERT: OPTICAL PULSE COLLAPSE PHENOMENA IN SCALAR WAVE UNIV OF ARIZONA	CHODKOW	5 36 30/10/91 122,723	NACHMAN 92-NM-050	
CASERTEX: ENHANCING PARALLEL COMPUTING IN THE FIELD PROCESSING MECHANICAL SYSTEMS UNIV OF MICHIGAN	CUTTA DESS	6 32 30/10/91 123,654	GLASSMAN 92-NM-052	
ASSERT - VACUUM NUCLEARATION AND GROWTH IN NONLINEAR SOLIDS UNIV OF VIRGINIA	CORNELIUS HOGAN	7 26 30/10/91 123,443	NACHMAN 92-NM-055	
ASSERT - PATTERNS AND JURISDICTION IN COTICS AND FLUIDS UNIV OF ARIZONA	HEWELL HLA	8 36 30/10/91 192,793	NACHMAN 92-NM-056	
ASSERT: TOPICS IN OPTIMAL SCHEDULING AND RESOURCE ALLOCATION IN DATA NETWORKS UNIV OF MICHIGAN	TERZEKETZIS DENGSTRENTS	9 36 31/10/91 193,630	JACOBS 92-NM-058	

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TITLE	INVESTIGATOR	TYPE/CONTNTR	RECEIVED AMOUNT	STATUS PROPOSAL #	INITIATE START DATE TOT ANT.
CASSERTO, REACTIVE EXECUTION IN A COMMAND, PLANNING & CONTROL ENVIRONMENT UNIV OF EDINBURGH	TATE	AUSTIN	Y 31/10/91 £33,432	LUPD 92-NM-070	
CASSERTO, RESEARCH ON QUALITATIVE RELATIVE POSITION SOLVING UNIV OF CHICAGO	HARWOOD	KRISTEIN	Y 24/11/91 £111,560	WAKSHAN 92-NM-072	
STATISTICAL LEARNING THEORY AND ALGORITHMS YALE UNIVERSITY	HOGG	JONH	Y 24/11/91 £55,605	SUDCARTH 92-NM-074	
CASSERTO, VORTICEX CORE DYNAMICS, COMPLEX HELICAL WAVE RECOMPOSITION, ORGANIZATION OF FINE-SCALE & OTHER RELATED THEORETICAL STUDIES UNIV OF HOUSTON	HUSSAIN	FAZLE	Y 24/11/91 £55,605	NACHMAN 92-NM-077	
CASSERTO, NEURAL NETWORKS FOR OBJECT RECOGNITION USING SCALE SPACE CONCEPTS YALE UNIVERSITY	GINOI	SENE	Y 24/11/91 £44,572	SUDCARTH 92-NM-079	
CASSERTO, STUDY IN SCATTERING AND INVERSE SCATTERING UNIV OF DELAWARE	ANGELL	THOMAS	Y 24/11/91 £91,309	JACOBS 92-NM-080	
CASSERTO, COMPUTER VISION METHODS BASED ON FRACTAL FEATURES AND DISCRETE FUZZY ASSOCIATION NETWORKS UNIV OF MISSOURI	KRISHNAPURAM	RASHU	Y 24/11/91 £113,360	WAKSHAN 92-NM-082	
CASSERTO, ASPECTS OF UNSTEADY THREE-DIMENSIONAL BOUNDARY-LAYER SEPARATION LEHIGH UNIVERSITY	WALKER	JAMES	Y 24/11/91 £200,499	NACHMAN 92-NM-087	
CASSERTO, GENERATION OF FAST, NEARLY OPTIMAL LEARNING TRAJECTORIES FOR SEMIAUTONOMOUS DYNAMIC CONTROL SYSTEMS GRETEL UNIVERSITY	GUEZ	ALLON	Y 06/11/91 £177,121	SUDCARTH 92-NM-091	

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TITLE INSTITUTION	INVESTIGATE	TYPE/INVENTHS RECEIVED INQUNT	STATUS PROGRAM MANAGER PROPOSAL #	INITIATE START DATE TOT AMT
(AASERT) CONNECTIONIST MODELS AND INTELLIGENT COMPUTATIONS UNIV OF MARYLAND CHEN	HSNS 454	N 36 13/11/91 \$167,407	SUGARTH 32-NM-094	
(AASERT) MIGRATION AND EXPANDATE DATABASE UPDATES AND QUERIES UNIV OF ILLINOIS LIU	JANE W. 50	N 36 03/11/91 \$126,399	WAKSHAN 92-NM-101	
(AASERT) TURBULENT FLAMES - AN ANALOGUE FOR TURBULENCE UNIV OF ILLINOIS BUCKMASTER	JOHN	N 36 03/11/91 \$132,643	NACHMAN 92-NM-102	
(AASERT) RISK REDUCTION IN SOFTWARE SPECIFICATIONS UNIV OF MARYLAND ZELKOWITZ	MARVIN	N 36 12/11/91 \$100,362	LUPO 92-NM-104	
SEGMENTATION OF MULTIBLOCK, MULTIFREQUENCY & MULTIPARAMETRIC 3D DATA UNIV OF MARYLAND CHELLAPPA	24MA	N 36 13/11/91 \$196,307	SUGARTH 92-NM-105	\$63,718 01/02/92 \$196,307
NUMBER THEORETIC QUESTIONS RELATED TO OBSERVABILITY OF CYANICAL SYSTEMS DARTMOUTH COLLEGE ANDREOLE	22COTHY	N 36 03/11/91 \$1,328	JACOBS 92-NM-106	
NONLINEAR THEORY OF A FREE ELECTRON LASER WITH LONGITUDINAL ELECTRIC WIGGLER UNIV OF MISSOURI HILLETT	JCS22H	N 19 13/11/91 \$1,328	NACHMAN 92-NM-115	
COSCILLATION INTERACTION IN A HEAK TURBULENCE MODELS UNIV OF ILLINOIS NEWTON	PAUL	N 36 12/11/91 \$143,393	NACHMAN 92-NM-116	
DIELECTRIC RESPONSE TENSOR AND COLLECTIVE MODE BEHAVIOR IN STRONG ELECTROLYTE SOLUTIONS UNIV OF VERMONT GOLDEN	KENNETH	N 12 13/11/91 \$97,000	NACHMAN 92-NM-117	

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TITLE TITLE (CONT.) INSTI-UNION	INVESTIGATOR	TYPE/MONTHS RECEIVED ACCOUNT	STATUS PROGRAM PROPOSAL J	INITIATE START DATE TDT AMT
A STUDY OF THREE DIMENSIONAL CONVEX VISION: OBJECT RECOGNITION HUMAN ANALYSIS UNIV OF NEBRASKA	SHATTACHARYA SARASWATI	13/11/91 525,555	MAKSAN 92-NM-118	
THE NONLINEAR CONTROL THEORY OF COMPLEX MECHANICAL SYSTEMS SOUTHERN UNIVERSITY	JOHN SARIBERI	13/11/91 311,591	JACOBS 92-NM-119	
CHARACTERIZATION RESPONSE OF LOW ANGLE IMAGING IN STATIC VEGETATIVE CLOUDS OVER SOUTHERN CALIFORNIA CLOUDS UNIV OF NEBRASKA	SHAH SARVANAN	13/11/91 344	NACHMAN 92-NM-122	
NONSTATIONARY CLUTTER AND SIMULATION IN SMALL SCALE MODEL SURFACES WITH THIN-SCALE TOUGHNESS UNIV OF COLORADO	SULTAN SHAFIC	13/11/91 31,339	NACHMAN 92-NM-123	
NONLINEAR CONTROL THEORY UNIV OF NEVADA	SHINSKY WARK	10/11/91 125,713	JACOBS 92-NM-127	
EXTREMAL EIGENVALUE PROBLEMS UNIVERSITY	COX STEVEN	12/11/91 12,000	NACHMAN 92-NM-121	
DISCRETE SURFACE RECOGNITION METHODS BASED ON SPATIAL FEATURES AND UNIV OF MASSACHUSETTS	DAVIS KATISHAURAH	21/11/91 121,560	MAKSAN 92-NM-124	
DEPSOFT: THE DISTRIBUTION & CONTROL OF COMPUTERS IN DISTRIBUTION UNIV OF OKLAHOMA	HUTCHESON LUTHER	17/11/91 13,354	JACOBS 92-NM-126	
MATHEMATICAL ASPECTS OF MATERIALS SCIENCE UNIV OF UTAH	GALCEN KENNETH	17/11/91 121,101	NACHMAN 92-NM-140	

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INSTANTLY COMPUTED STUDENT PESSIMISTIC COMMUNICATIONS FOR UNIV OF NEBRASKA	1/92-12/91	1/24/92	92-NM-143	SHAFRACHAN	1/24/90	92-NM-141	
REQUEST FOR NEAR-EARTH SYSTEMS FOR STABILIZATION OF DITERATED UNIV OF NEBRASKA	1/92-12/91	1/24/92	92-NM-143	SHAFRACHAN	1/24/90	92-NM-141	
SPATIALLY LOCALIZED AND DIRECTED WAVES IN ELASTIC SOLIDS	1/92-12/91	1/24/92	92-NM-143	SHAFRACHAN	1/24/90	92-NM-141	
SIGNAL PROCESSING USING THE UVM WAVELET RECONSTRUCTION AND CONTROL FOR LAUNCHED MISSILES	1/92-12/91	1/24/92	92-NM-143	SHAFRACHAN	1/24/90	92-NM-141	
EIGENVALUE PROBLEMS FOR COMPUTATIONAL EQUATIONS	1/92-12/91	1/24/92	92-NM-143	SHAFRACHAN	1/24/90	92-NM-141	
CAASERD/LARGE-DATA ANALYSIS FOR APPLICATIONS IN DESIGN, TRANSIENTS, AND UNDERRUNNING	1/92-12/91	1/24/92	92-NM-143	SHAFRACHAN	1/24/90	92-NM-141	
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BIOLOGICAL STATUS REPORT (1 OCT 91 - 31 DEC 91)			
411-1803-2 RECENT SCIENTIFIC DISSEMINATION SERVICES			
STATUS	TYPE/MONTHS RECEIVED	STATUS	INITIATE
CONT'D	PROPOSAL #	PROGRAM MANAGER	START DATE
INSTITUTION	INVESTIGATOR	PROPOSAL #	TO/T AMT.
INTELLIGENT AGENT PROTOCOLS			
UNIV OF MARYLAND, COLLEGE PARK	SHUJI	710144	22/12/91 3116125 32-114-132
ASYNCHRONOUS CHART ACHIEVEMENT			
GRUMMAN AEROSPACE CORP	BUJAN	34811	13/11/91 12551295 92-NM-197
RADIAL BASIS FUNCTIONS WITH APPLICATIONS			
TEXAS INSTRUMENTS EXPERIMENT DIVISION	MARCJWICH	300303	10/12/91 12391323 92-NM-177
PARALLEL COMPUTATIONS FOR LEAST MEAN SQUARE REGRESSION			
SOUTHERN ILLINOIS UNIVERSITY	SHIUJ	311-311	13/11/91 12161313 92-NM-119
RESEARCH IN MICROSTRUCTURE ENGINEERING			
GEORGIA INSTITUTE OF TECH	JOECE	31000	10/12/91 150,000 92-NM-160
STRUCTURE AND ANALYSIS OF SOME NUMERICAL ALGORITHMS			
STRUCTURE AND ANALYSIS OF HIGH-LEVEL CALVARY	CALVARY	311-311	13/12/91 12371452 92-NM-153
ANALYSIS AND APPLICATIONS OF LARGE-SCALE SYSTEMS CONTAINING			
TURNING POINTS, WESTERN MICHIGAN UNIVERSITY	SYSTEM	310-310	24/10/91 11051319 92-NM-026
CATEGORICAL INTERCONNECTIVITY AND MASSIVELY PARALLEL			
PROCESSORS	SCHELSKI	1344	03/10/91 12361117 92-NM-002
UNIV OF CALIFORNIA			
STOCHASTIC MODELS IN RELIABILITY			
UNIV OF CALIFORNIA	2955	34810	07/10/91 11531442 92-NM-004

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INVESTIGATE SCIENTIFIC INFORMATION

INVESTIGATE SCIENTIFIC INFORMATION SCENARIOS

TITLE	TYPE/INITIALS	STATUS	PROGRAM MANAGER
INST.-JCTN	RECEIVED AMOUNT	PROPOSAL #	PROPOSAL #
CAASERT) ROBUST GAME THEORETIC PERTURBATION AND CONTROL LAKS 92-1 MISSILE SYSTEMS UNIV OF CALIFORNIA JNCV 2 CALIFORNIA	" 36 30/10/91 1004,268	JACOBES 92-1M-049	
CAASERT) HIGH-SMOOTH OPTIMIZATION ALGORITHM, SYSTEM THEORY AND SOFTWARE TOOLS JNCV 2 CALIFORNIA	" 36 30/10/91 3069,105	GLASSMAN 92-1M-056	
CAASERT) ARCHITECTURES & PROTOCOLS FOR OPTICAL REGULAR NETWORKS UNIV OF CALIFORNIA JNCV 2 CALIFORNIA	" 36 30/10/91 5108,055	LUPO 92-1M-055	
CAASERT) RESEARCH ON COMPUTATIONAL FLUID DYNAMICS AND FLUID CONTROL UNIV OF CALIFORNIA JNCV 2 CALIFORNIA	" 36 30/11/91 3401,157	JACOBES 92-1M-114	
CAASERT) IN THE MODELING OF UNCERTAINTY IN CONTROL SYSTEMS UNIV 2 CALIFORNIA	" 36 30/10/91 517,250	JACOBES 92-1M-158	
PARAMETRIC TIME-SCALE METHODS IN SIGNAL ANALYSIS UNIV 2 RYDE ISLAND	" 24 30/10/91 374,562	SUDOREN 92-1M-015	
PHYSICAL PROPERTIES GEORGIA TECH RESEARCH CORPORATION	" 36 29/10/91 563,035	NACHMAN 92-1M-044	
CAASERT - IMAGE COMPRESSION AND JAVELIN GENERATION GEORGIA TECH RESEARCH CORPORATION	" 36 30/10/91 5123,045	NACHMAN 92-1M-063	
CAASERT) FAST MULTILEVEL 2DIAL FILTERS UNIV 2 COLORADO AT DENVER	" 36 29/10/91 1207,630	NACHMAN 92-1M-036	

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TITLE INSTITUTION	INVESTIGATOR	INITIATE START DATE TOT AMT		
		TYPE/MONTHS RECEIVED AMOUNT	STATUS PROGRAM MANAGER PROPOSAL #	
CAASERT) NUMERICAL METHODS FOR SINGULARLY PERTURBED DIFFERENTIAL EQUATIONS, WITH APPLICATIONS	J. LAPORTY	Y 36 23/11/91 \$115,979	NACHMAN 92-NM-120	
RENSSELAER POLYTECHNIC INSTITUTE				
CAASERT) KNOWLEDGE BASED SYSTEM FOR THREE DIMENSIONAL IMAGING AID	WILLIAM WALLACE	Y 36 17/12/91 \$99,313	WAKSHMAN 92-NM-165	
CAASERT) DEVELOPMENT OF NEURAL NETWORK TECHNIQUES FOR CONCEPTUAL DESIGN	STEVEN BATILL	Y 36 03/11/91 \$63,173	JACOBS 92-NM-096	
UNIV OF NOTRE DAME				
CAASERT) CRYSTALLINE METHODS IN CRYSTAL GROWTH	J. TAYLOR	Y 36 05/11/91 \$247,997	NACHMAN 92-NM-092	
RUTGERS, THE STATE UNIVERSITY				
MULTIDIMENSIONAL RECONSTRUCTION METHODS FOR INVERSE PROBLEMS	WILLIAM RUMICELL	Y 36 17/10/91 \$226,503	NACHMAN 92-NM-013	
CAASERT) ANALYSIS, COMPUTATION AND CONTROL OF DISTORTED PARAMETER SYSTEMS	JOHN CHEM	Y 36 31/10/91 \$191,497	JACOBS 92-NM-059	
TEXAS A AND M RESEARCH FOUNDATION				
DETECTION OF CHANGEPOINTS AND LOCAL IMAGE QUALITY USING DATA-DRIVEN SMOOTHERS	W. HAPT	Y 36 27/11/91 \$96,056	SJOGREN 92-NM-138	
TEXAS A AND M RESEARCH FOUNDATION				
COMPUTATIONAL METHODS FOR ESTIMATION AND CONTROL OF FLEXIBLE STRUCTURES WITH DAMPING	FABIANO	Y 36 23/12/91 \$53,507	JACOBS 92-NM-183	
TEXAS A AND M RESEARCH FOUNDATION				
CAASERT) COMPARING CLASSES OF FACTORIAL BLOCK DESIGN	DANIEL VOSS	Y 36 22/10/91 \$73,014	SJOGREN 92-NM-019	
WRIGHT STATE UNIVERSITY				

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INVESTIGATOR		
3DINARY ARRAYS WITH CESSPABLE CORRELATION PROPERTIES	Y 36 12/10/91 \$129,938	SJOGREN 92-NM-035
WRIGHT STATE UNIVERSITY	K.	
CAASERT) NEURAL NETWORKS FOR THE CONTROL OF HIGHLY MANEUVERABLE UNMANNED VEHICLES	Y 36 12/10/91 \$128,300	SUDDARTH 92-NM-064
GEORGE WASHINGTON UNIVERSITY		
CAASERT) LEARNING IN AN INTELLIGENT SYSTEM	KENNETH 20/10/91 \$128,300	
NORTHWESTERN UNIVERSITY		
CAASERT) DOCTORAL STUDENT SUPPORT FOR RESEARCH IN LARGE-SCALE COMBINATORIAL OPTIMIZATION	LAWRENCE 14/11/91 \$253,593	WAKSMAN 92-NM-075
GEORGE WASHINGTON UNIVERSITY	KARLA 14/11/91 \$35,311	GLASSMAN 92-NM-081
A STUDY OF SOME MULTIDIMENSIONAL INVERSE PROBLEMS	ALEXANDER 14/11/91 \$243,149	NACHMAN 92-NM-093
KANSAS STATE UNIVERSITY		
CAASERT) THE NONLINEAR DYNAMICS OF PULSED TRANSIENTS IN FLUID MECHANICS AND OPTICS	EDWARD 15/11/91 \$212,342	NACHMAN 92-NM-097
NORTHWESTERN UNIVERSITY		
REISS		
NEWTON METHODS FOR STRICTLY CONVEX QUADRATIC PROGRAMS AND DATA SMOOTHING MODELS	JOHN 15/11/91 \$173,535	GLASSMAN 92-NM-146
OLD DOMINION UNIVERSITY	STEPHAN 15/12/91 \$75,590	JACOBS 92-NM-161
VERY FAST PARALLEL ALGORITHMS FOR SOME FUNDAMENTAL TREE PROBLEMS (2301-92-6093-543)	JOAQUIN 20/12/91 \$91,549	WAKSMAN 92-NM-171
ORLANDO STATE UNIVERSITY	BRUCE 20/12/91 \$91,549	
CAASERT) REACTION IN ERTPS		
OREGON STATE UNIVERSITY		

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PROPOSAL STATUS REPORT (1 JCT 91 - 31 DEC 91)
AC: SPACE OFFICE OF SCIENTIFIC RESEARCH
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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	TYPE/MONTHS RECEIVED ACCOUNT	STATUS PROPOSAL #	PROGRAM MANAGER	INITIATE START DATE TOT AMT.
CASSERT: PERFORMANCE ESTIMATES FOR AUTOMATIC RADAR TARGET RECOGNITION SYSTEMS WRIGHT STATE UNIVERSITY GEORGE WASHINGTON UNIVERSITY	JAREED	1 1-5/12/91 \$74,592	1 1-5/12/91 \$74,592	SJOGREN	92-NM-131
CASSERT: COMPUTATIONAL ISSUES IN THE REQUEST CONTROL OF ALEXIABLE STRUCTURES	MANTEUS	1 1-10/91 \$103,704	1 1-12/91 \$103,704	JACOBS	92-NM-135
CASSERT - MODELING OF VISCOELASTIC JETS AND FLOW IN A UNIVERSE PROBLEMS FOR MATERIAL CHARACTERIZATION OHIO STATE UNIVERSITY RESEARCH FOUNDATION	REREST	1 1-10/91 \$100,568	1 1-12/91 \$100,568	NACHMAN	92-NM-061
CONTROL AND STABILIZATION OF MECHANICAL AND FLUID SYSTEMS OHIO STATE UNIVERSITY RESEARCH FOUNDATION	BLOCK	1 1-10/91 \$100,463	1 1-12/91 \$100,463	JACOBS	92-NM-139
CASSERT: INCORPORATING PROBABILISTIC RETRIEVAL MODELS IN AN OBJECT-ORIENTED LANGUAGE UNIV OF MASSACHUSETTS	CRAFET	1 1-11/91 \$100,325	1 1-11/91 \$100,325	WAKSMAN	92-NM-132
LEARNING IN COOPERATIVELY COORDINATED ADAPTIVE NEURAL NETWORKS UNIV OF MASSACHUSETTS	CHAMAE	1 1-11/91 \$100,325	1 1-12/91 \$100,325	SUDOARTH	92-NM-172
CASSERT: BUILDING CAUSAL MODELS WITH PATH ANALYSIS UNIV OF MASSACHUSETTS	COHEN	1 1-11/91 \$100,325	1 1-12/91 \$100,325	WAKSMAN	92-NM-198
SPECIAL ISSUES IN THE ANALYSIS OF SUCCESS-FAILURE DATA FROM TEST AND EVALUATION EXPERIMENTS ENVIRONMENTAL RISK INSTITUTE OF WICH	DAVID	1 1-12/91 \$100,111	1 1-12/91 \$100,111	SJOGREN	92-NM-175
COMPUTING SCIENCE AND STATISTICS: SYNOPSIS ON THE INTERFACE INTERFACE FOUNDATION OF NORTH AMERICA	JOSEPH	1 1-12/91 \$51,645	1 1-12/91 \$51,645	SJOGREN	92-NM-012
NEWTON	JOSEPH				

REPORT DATE 11/10/92

PROPOSAL STATUS REPORT (1 OCT 91 - 31 DEC 91)
425 SPACE JETTICE 25 SCIENTIFIC RESEARCH
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TITLE TITLE (CONT.) INSTITUTION	INVESTIGATOR	INITIATE START DATE		PAGE
		TYPE/NUMBER RECEIVED AMOUNT	PROGRAM MANAGER PROPOSAL #	
AUTOMATING THE ANALYSIS OF MULTILINEAR POLYNOMIAL DIFFERENTIAL EQUATIONS PRINCETON UNIVERSITY	SACKS	ELCSHA	10/10/91 \$402,274	13
ASSERT - DIGITAL NEUROCOMPUTING: THEORY, APPLICATION, AND IMPLEMENTATION PRINCETON UNIVERSITY	KUNG		10/10/91 \$134,600	
ASSERT) MATHEMATICAL MULTILINEAR OPTICS (AUGMENTATION AWARDED PRINCETON UNIVERSITY	MC LAUGHLIN	DAVID	10/10/91 \$206,922	
ASSERT) CONTROL THEORY FOR DISTRIBUTED PARAMETER SYSTEMS - AUGMENTATION PRINCETON UNIVERSITY	FLAM	DAVID	10/11/91 \$151,331	
NUMERICAL MODELLING OF CRYSTAL GROWTH PRINCETON UNIVERSITY	STRAIN	JONAH	10/11/91 \$90,400	
A.C. SOSE MATHEMATICAL CONFERENCE ON STATISTICAL DESIGN AND COMBINATORICS COLORADO STATE UNIVERSITY	SRIVASTAVA	JAGDISH	10/12/91 \$24,900	
ASSERT) EVOLUTION AND LEARNING IN NEURAL NETWORKS WITH BINARY WEIGHTS UNIV OF PENNSYLVANIA	VENKATESH	SANTOSH	10/12/91 \$127,795	
ASSERT) GRADUATE STUDENT SUPPORT IN RESEARCH IN STATISTICAL SIGNAL PROCESSING UNIV OF PENNSYLVANIA	KASSAM	SALMAN	10/10/91 \$135,505	
ASSERT) EVOLUTION AND LEARNING IN NEURAL NETWORKS WITH BINARY WEIGHTS UNIV OF PENNSYLVANIA	VENKATESH	SANTOSH	10/11/91 \$127,795	
			10/12/91 \$135,505	

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TITLE (CONT.)	INVESTIGATOR	TYPE/MENTHS RECEIVED AGENCY	STATUS PROG. MGR.	INITIATE PROPOSAL	START DATE TDY AMT
UNIV OF PENNSYLVANIA	DAVIS	11/11/91 1173-133	WAKSHAN 92-NM-038	"	"
CAASERT GRAPHIC ENVIRONMENT FOR AEROSPACE TEST AND VERIFICATION OF ALGEBRA-BASED KNOWLEDGE BASES	DAVIS	11/11/91 1173-133	WAKSHAN 92-NM-038	"	"
CAASERT SUPPORT FOR STUDENT RESEARCH IN COMPUTATIONAL AERODYNAMICS PROBLEMS	DAVIS	11/11/91 1173-134	JACOBS 92-NM-023	"	"
VERGINIA POLYTECHNIC INST & STATE UNIV	HANSEN	11/11/91 1311-156	JACOBS 92-NM-023	"	"
CAASERT REQUEST CONTROL OF VISCOELASTIC SYSTEMS	HANSEN	11/11/91 1311-225	JACOBS 92-NM-067	"	"
CAASERT COMPUTATIONAL METHODS FOR OPTIMAL DESIGN IN AEROSPACE SYSTEMS	HANSEN	11/11/91 1325-062	JACOBS 92-NM-073	"	"
VERGINIA POLYTECHNIC INST & STATE UNIV	HANSEN	11/11/91 1325-062	NACHMAN 92-NM-130	"	"
PULSE PROPAGATION IN POLYMER WAVEGUIDE	HANSEN	11/11/91 1325-062	NACHMAN 92-NM-130	"	"
VERGINIA POLYTECHNIC INST & STATE UNIV	HANSEN	11/11/91 1325-062	NACHMAN 92-NM-130	"	"
NEW ADAPTIVE METHODS FOR RECOGNIZABLE FLIGHT CONTROL	HODSON	11/11/91 1466-594	JACOBS 92-NM-126	"	"
CARNEGIE-MELLON UNIVERSITY	HODSON	11/11/91 1466-594	JACOBS 92-NM-126	"	"
NEURAL NETWORK APPROACH TOWARDS LOGIC TESTS AND DESIGN-TEST-ABILITY	HODSON	11/11/91 1466-594	JACOBS 92-NM-126	"	"
LOUISIANA STATE UNIVERSITY	HODSON	11/11/91 1466-594	JACOBS 92-NM-126	"	"
FOURIER SPECTRUM ENHANCEMENT USING SUPER KNOWLEDGE	MATSON	11/11/91 1121-394	NACHMAN 92-NM-162	"	"
SEATTLE PACIFIC UNIVERSITY	MATSON	11/11/91 1121-394	NACHMAN 92-NM-162	"	"

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TYPE/MENTHIS	STATUS	PROGRAM MANAGER	INITIATE
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AMOUNT			
17/12/91 \$217,027	92-NH-154	SUDJARTI	APPLICAION TO THE RISK CONTROL INSTITUTE TO 2000
17/12/91 \$217,027	92-NH-154	SUDJARTI	APPLICAION TO THE RISK CONTROL INSTITUTE TO 2000
13/12/91 \$321,6203	92-NH-139	WAKSHAN	SEATBELT DESIGN RESEARCH-DESIGN PLANNING AND SCHMIDT
13/12/91 \$321,6203	92-NH-139	WAKSHAN	SEATBELT DESIGN RESEARCH-DESIGN PLANNING AND SCHMIDT
13/12/91 \$303,932	92-NH-357	NACHMAN	ERT - RESEARCH IN METABOLIC + UROLITHIASIS MEDICAL
13/12/91 \$303,932	92-NH-357	NACHMAN	ERT - RESEARCH IN METABOLIC + UROLITHIASIS MEDICAL
13/12/91 \$32-NH-120	92-NH-120	NACHMAN	ERT - RESEARCH IN METABOLIC + UROLITHIASIS MEDICAL
13/12/91 \$32-NH-134	92-NH-134	SUDGEN	THREE-DIMENSIONAL PROBLEMS IN DYNAMIC PLASTICITY
13/12/91 \$32-NH-134	92-NH-134	SUDGEN	THREE-DIMENSIONAL PROBLEMS IN DYNAMIC PLASTICITY
13/12/91 \$328,6360	92-NH-144	HOLLAND	VENTIL TESTBED INSTRUMENT DEVELOPMENT
13/12/91 \$328,6360	92-NH-144	HOLLAND	VENTIL TESTBED INSTRUMENT DEVELOPMENT
13/12/91 \$322,027	92-NH-121	GASSMAN	SUPPORT TO THE INSTITUTE OF MATHEMATICAL SCIENCES
13/12/91 \$322,027	92-NH-121	GASSMAN	SUPPORT TO THE INSTITUTE OF MATHEMATICAL SCIENCES
13/12/91 \$175,531	92-NH-129	GASSMAN	SYNCHROTON ELECTRONIC FOR NETWORK PROBLEMS IN PLANAR SPACES
13/12/91 \$175,531	92-NH-129	GASSMAN	SYNCHROTON ELECTRONIC FOR NETWORK PROBLEMS IN PLANAR SPACES
21/11/91 \$112,500	92-NH-191	MICHAEL	ERICAL 2011-12247-12TH LINEAR CONSTRAINTS
21/11/91 \$112,500	92-NH-191	MICHAEL	ERICAL 2011-12247-12TH LINEAR CONSTRAINTS
21/11/91 \$112,500	92-NH-191	SUGDEN	LONG-TERM DIRECTIONAL SENSORS FOR WIDEPAND SIGNAL WITH
21/11/91 \$112,500	92-NH-191	SUGDEN	LONG-TERM DIRECTIONAL SENSORS FOR WIDEPAND SIGNAL WITH

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REPORT OFFICE 25 SCIENTIFIC & TECHNICAL INFORMATION	REPORT DATE 01/22/92	INITIATE
REPORTER'S ORGANIZATION 1. INVESTIGATOR	RECEIVED BY	PROGRAM MANAGER
CEPSOR (2) PEARL-RIDGE, BAPTIST & LUTHERAN HOSPITALS	ACCOUNT	REPORTS TO
LODGE STATE UNIVERSITY	1/12/91	START DATE
2. CONFOL-THEORETIC APPROACH TO LEARNING IN NEURAL NETWORKS	1/12/91	TOT AMT
LODGE STATE UNIVERSITY	1/12/91	
3. AGGRESSIVE APPROACHES IN INSTITUTE STUDENTS	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
4. CASE STUDY RESEARCH IN SYSTEMS SCIENCE & MATHEMATICS IN MECHANICAL ENGINEERING	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
5. CYANOCAL SYSTEMS IN MECHANICAL AND ELECTRONIC	1/12/91	
WANDERLUST UNIVERSITY	1/12/91	
6. INDUSTRIAL INSTITUTE OF SPECIAL STOCK IN SYSTEMS SCIENCE AND MATHEMATICS AND IN MECHANICAL ENGINEERING	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
7. (EPSOR) GRADUATE STUDIES IN AEROSPACE RELATED EDUCATION	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
8. (EPSOR) GRADUATE STUDIES IN AEROSPACE RELATED EDUCATION	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
9. (EPSOR) GRADUATE STUDIES IN SYSTEMS SCIENCE AND MATHEMATICS	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
10. CHARTERED	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
REPORT DATE 01/22/92	INITIAL STATUS REPORT (1/27/91 - 1/31/91)	DATE 1/6
REPORT OFFICE 25 SCIENTIFIC & TECHNICAL INFORMATION	REPORT DATE 01/22/92	INITIATE
REPORTER'S ORGANIZATION 1. INVESTIGATOR	RECEIVED BY	PROGRAM MANAGER
CEPSOR (2) PEARL-RIDGE, BAPTIST & LUTHERAN HOSPITALS	ACCOUNT	REPORTS TO
LODGE STATE UNIVERSITY	1/12/91	START DATE
2. CONFOL-THEORETIC APPROACH TO LEARNING IN NEURAL NETWORKS	1/12/91	TOT AMT
LODGE STATE UNIVERSITY	1/12/91	
3. AGGRESSIVE APPROACHES IN INSTITUTE STUDENTS	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
4. CASE STUDY RESEARCH IN SYSTEMS SCIENCE & MATHEMATICS IN MECHANICAL ENGINEERING	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
5. CYANOCAL SYSTEMS IN MECHANICAL AND ELECTRONIC	1/12/91	
WANDERLUST UNIVERSITY	1/12/91	
6. INDUSTRIAL INSTITUTE OF SPECIAL STOCK IN SYSTEMS SCIENCE AND MATHEMATICS AND IN MECHANICAL ENGINEERING	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
7. (EPSOR) GRADUATE STUDIES IN AEROSPACE RELATED EDUCATION	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
8. (EPSOR) GRADUATE STUDIES IN AEROSPACE RELATED EDUCATION	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
9. (EPSOR) GRADUATE STUDIES IN SYSTEMS SCIENCE AND MATHEMATICS	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	
10. CHARTERED	1/12/91	
WASHINNCH UNIVERSITY	1/12/91	

TITLE INSTITUTION	TYPE/FORMAT	RECEIVED ACCOUNT	STATUS PROPOSAL #	PROJECT MANAGER	INITIATE START DATE	TOT AMT
CAASERT: INVESTIGATIVE SIGNAL PROCESSING TECHNIQUES FOR AUTOMATED SOCIOLOGICAL AND POLITICAL SCIENCE METHODS	11-10-92 SUGARIN 92-NH-137	15/10/91 12/3/91 12/3/91 12/3/91	SUGARIN 92-NH-097	YACHMAN 92-NH-032		
PERSONAL COMMUNICATION METHODS: INTELLIGENT SYSTEMS FOR DYNAMIC SYSTEMS AND WAVES	11-10-92 SOUTHERN METHODIST UNIVERSITY SOUTHERN METHODIST UNIVERSITY	15/10/91 12/3/91 12/3/91 12/3/91	YACHMAN 92-NH-190			
CAASERT: SINGULAR PERTURBATION METHODS FOR HIGH-LEVEL DYNAMIC SYSTEMS AND WAVES	11-10-92 SOUTHERN METHODIST UNIVERSITY SOUTHERN METHODIST UNIVERSITY	15/10/91 12/3/91 12/3/91 12/3/91	YACHMAN 92-NH-048			
NEW CORRECTIONS FOR RETROREFLECTORS	11-10-92 MASSACHUSETTS INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	15/10/91 12/3/91 12/3/91	GLASSMAN 92-NH-003			
CAASERT: INVESTIGATIVE SIGNAL PROCESSING FOR USEFUL NETWORKS	11-10-92 MASSACHUSETTS INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	15/10/91 12/3/91 12/3/91	SUDCARTH 92-NH-033			
CAASERT: ADJUST IDENTIFICATION AND CONTROL UNDER UNCERTAINTY	11-10-92 MASSACHUSETTS INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	15/10/91 12/3/91 12/3/91	JACOBS 92-NH-045			
CAASERT: MULTIZONAL STATISTICAL SIGNAL PROCESSING AND DISCRETE EVENT SYSTEMS	11-10-92 MASSACHUSETTS INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	15/10/91 12/3/91 12/3/91	ALAY 92-NH-068			
PROPOSAL FOR A SIAM CONFERENCE ON APPLICATIONS OF DYNAMICAL SYSTEMS	11-10-92 I. EDWARDS BLOCK SOCIETY FOR INDUSTRIAL & APPLIED MATHEMATICS	15/10/91 12/3/91 12/3/91	NACHMAN 92-NH-030			

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NONRESIDENT SCHOLARS FOR 1993-94
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STRUCTURE	EVANOWSKI	12	A	950,454	01/03/92
TRAVEL (100%) IN 24 CONFERENCES	WALKOV	150,454	CLASSMAN 92-NH-001	950,454	
ASSETS A MYRIAD OF SCIENTIFIC & COMPUTATIONAL RESOURCES					
ASSET # JEWELRY INSTITUTE FOR TECHNOLOGY	WIEGMAN	12/12/91 1984-007	NACHMAN 92-NH-043		
ASSET - LIBRARY IN MATHEMATICAL & COMPUTATIONAL SYSTEMS					
ASSET # MATHEMATICS INSTITUTE OF TECHNOLOGY	WIEHL	12/12/91 1984-000	SUNDARTH 92-NH-055		
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS					
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS	WIEHL	12/11/91 1984-007	JACOBS 92-NH-099		
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS					
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS	YASER	12/12/91 1984-005	SUNDARTH 92-NH-185		
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS					
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS	YASER	12/12/91 1984-005	GASSMAN 92-NH-010		
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS					
ASSET # RESEARCH CENTER IN MATHEMATICS & COMPUTATIONS	YASER	12/12/91 1984-004	NACHMAN 92-NH-029		
ASSET # TOTAL-CLOTHING EXCLUDING TENTS, AND K-70-1405 -					
ASSET # VASIL'YEV. VASIL'YEV	STINGOLI	12/11/91 1984-004	YASER	12/11/91 1984-004	
ASSET # VASIL'YEV. VASIL'YEV. VASIL'YEV					
ASSET # VASIL'YEV. VASIL'YEV. VASIL'YEV	WILSON	12/11/91 1984-004	YASER	12/11/91 1984-004	
ASSET # VASIL'YEV. VASIL'YEV. VASIL'YEV					
ASSET # VASIL'YEV. VASIL'YEV. VASIL'YEV	YASER	12/11/91 1984-004	NACHMAN 92-NH-111		
ASSET # VASIL'YEV. VASIL'YEV. VASIL'YEV					
ASSET # VASIL'YEV. VASIL'YEV. VASIL'YEV	YASER	12/11/91 1984-004	NACHMAN 92-NH-111		

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CASSERT) RESEARCH IN NONLINEAR FINANCIAL SYSTEMS	PHILLIPS	Y 36 12/10/91 \$240,281	NACHMAN 92-NM-095		
CASSERT) APPLICATIONS OF SECURE PTC ALGORITHMS	DANIEL	N 36 22/10/91 \$400,312	GLASSMAN 92-NM-020		
CASSERT) SYMMETRY METHODS AND NONLINEAR ANALYSIS IN ELASTO-MECHANICS	HEALEY	Y 26 24/11/91 \$203,532	NACHMAN 92-NM-071		
CASSERT) ACTION REPRESENTATION FOR COLLABORATIVE PLANNING	TIMOTHY				
CASSERT) NEW POLYHEDRAL APPROXIMES FOR SOLVING 0-1 PROGRAMMING PROBLEMS	SARAOA	Y 26 04/11/91 \$110,630	WAKSMAN 92-NM-035		
CASSERT) NEW POLYHEDRAL APPROXIMES FOR SOLVING 0-1 PROGRAMMING PROBLEMS	ADAMS	Y 36 04/11/91 \$127,455	GLASSMAN 92-NM-090		
CASSERT) NEW POLYHEDRAL APPROXIMATES FOR SOLVING 0-1 PROGRAMMING PROBLEMS	MARKEN	Y 26 03/12/91 \$127,455	GLASSMAN 92-NM-149		
MODELLING OF NONISOTHERMAL VISCOELASTIC SLENDER JET AND TIN SHEET FLOWS	WANG	N 36 13/12/91 \$93,573	NACHMAN 92-NM-109		
THE FUNDAMENTAL FLAMMABILITY LIMITS OF THE DRY CARBON MONOXIDE FLAME	RICHARD	Y 36 10/12/91 \$72,442	NACHMAN 92-NM-150		
IN FREE BOUNDARY PROBLEMS & EQUATIONS OF DYNAMICAL GEOMETRY ASSOCIATED WITH FLAME FRONTS	MICHAEL	N 36 13/12/91 \$80,978	NACHMAN 92-NM-154		
INDIANA UNIVERSITY-PURDUE UNIV AT INDIPLS	FRANKEL				

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PRELIMINARY STATUS REPORT (1 OCT 91 - 31 DEC 91)
FOR SPACE SECTOR RE SCIENTIFIC RESEARCH
PERIODIC REPORTS = PLANS AND OPERATIONS

TITLE
TITLE (CONT.)
INSTITUTION

INVESTIGATORS

SPECIAL PROJECT TO FUND SCIENTIFIC AND TECHNICAL EXCHANGE VISITS
TO US AND PHILLIPS LAB (SAO) AND EAST JORDAN AND SCI.
NATIONAL SCIENCE FOUNDATION

ISRAEL

PRECISE TIME AND TIME INTERVAL APPLICATIONS AND PLANNING MEETINGS

NASA - GODDARD SPACE FLIGHT CENTER

GRANATA

PRECISE TIME AND TIME INTERVAL APPLICATIONS AND PLANNING MEETING

U.S. NAVAL OBSERVATORY

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TITLE	TYPE/INVESTIGATORS	RECEIVED AMOUNT	STATUS	PROGRAM MANAGER	INITIATE START DATE	TOT AMT
INVESTIGATORS				PR-3 SAL 4		
SPECIAL PROJECT TO FUND SCIENTIFIC AND TECHNICAL EXCHANGE VISITS TO US AND PHILLIPS LAB (SAO) AND EAST JORDAN AND SCI. NATIONAL SCIENCE FOUNDATION	11 31/10/91 \$31,500	12 31/10/91 \$31,500	A OWENS 92-XG-002	OWENS 92-XG-002	01/10/91	\$31,500
PRECISE TIME AND TIME INTERVAL APPLICATIONS AND PLANNING MEETINGS NASA - GODDARD SPACE FLIGHT CENTER	11 06/11/91 \$5,750	11 06/11/91 \$5,750	A OWENS 92-XG-003	OWENS 92-XG-003	01/11/91	\$5,750
PRECISE TIME AND TIME INTERVAL APPLICATIONS AND PLANNING MEETING U.S. NAVAL OBSERVATORY	11 17/10/91 \$5,750	11 17/10/91 \$5,750	A OWENS 92-XG-001	OWENS 92-XG-001		\$5,750